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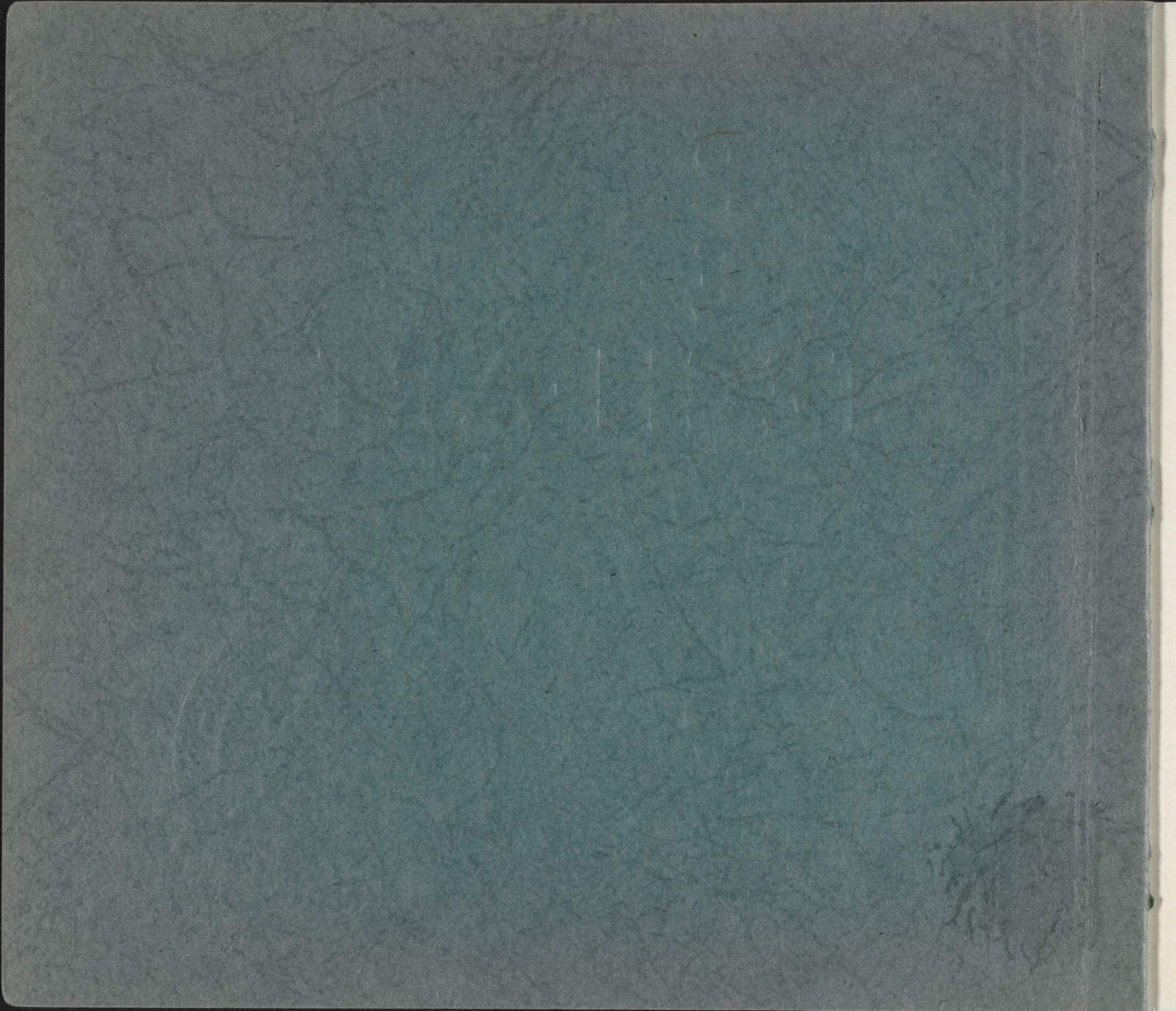
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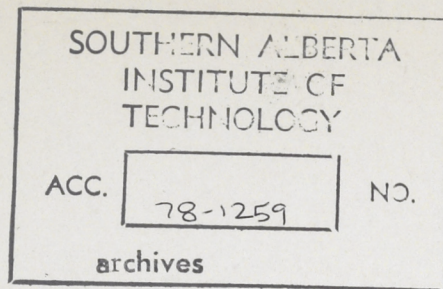
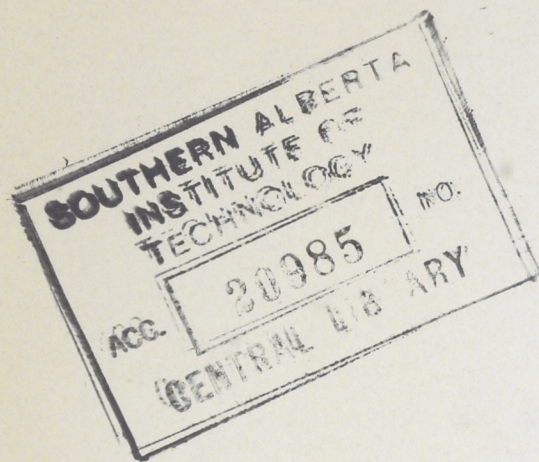






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## DEDICATION

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**T**O all those at the Provincial Institute of Technology and Art, throughout the Province of Alberta and the Dominion of Canada who are devoting their abilities and knowledge to the advancement of Technical Education, this volume, in gratitude, is dedicated.



**Volume 8. - 1937-38**

Calgary - Alberta

**Official Students' Year Book  
of the Provincial Institute  
of Technology and Art.**

# TECH-ART RECORD







I wish to extend to the students of the Institute of Technology and Art my best wishes for success in their training at the school, and the work they will take up when they graduate.

Each student will shortly face the problem of establishing himself in a useful and satisfying career. Our Province is well endowed by Nature to provide opportunities for all. In the sphere of industrial development we do not know fully as yet the extent of its potential wealth. I would urge the students to study the whole Alberta scheme, to discuss the problems of the times, and to observe with keen interest the trend of current events. Those who do so will be best equipped to take advantage of the rich opportunities that await the man with vision and practical knowledge.

The modern industrial field is a fascinating and complex world in itself. Industrial processes are multiplying; invention and research are opening up entirely new fields of activity. Consequently workers with specialized knowledge, and habits of diligence and stability, should face the future confident that their services will be needed. Those who apply themselves steadily to the work immediately before them will be in a superior position to take advantage of new developments.

I hope that the students of the Provincial Institute of Technology and Art will be able to make a contribution to the well-being of Alberta, and will benefit in the fullest measure by the advancement of industry.

WILLIAM ABERHART,  
Minister of Education.

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It is an extreme regret that I do not personally know more of the students enrolled in the Institute this current year. Outside duties have been exacting and it has been my loss that I have been obliged to be absent so much.

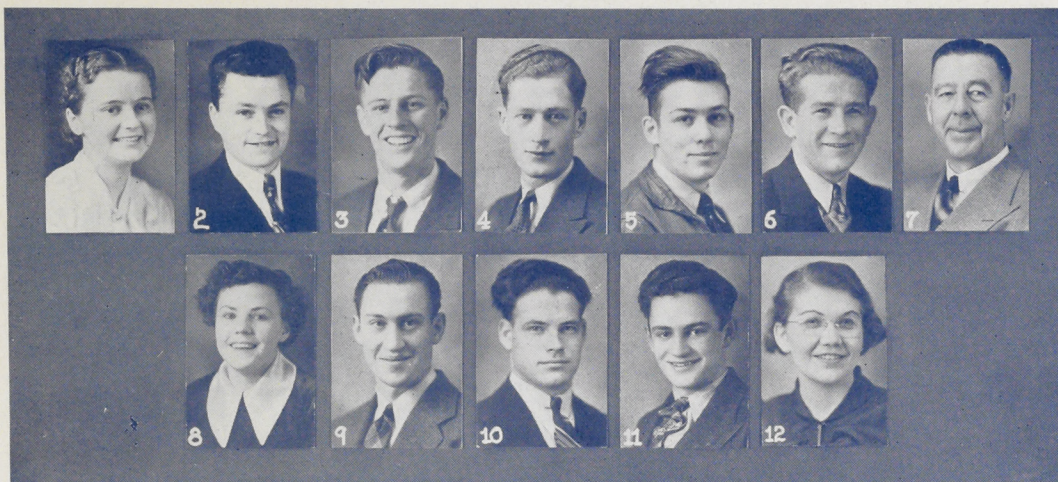
It is consciously the policy of the management of the Institute to expect the best from the students, and with few exceptions this trust has not been violated. There are many more values in an institution such as the Institute of Technology and Art than merely learning to do a job. Integrity is fundamental, for without it training is dangerous to society. Knowledge and skill are important, but inability to acceptably relate these to one's associates reduces their value to the possessor. Personal qualities are of primary importance and it is the constant study of the administration of the Institute that those influences contributing to the growth of desirable personal characteristics are encouraged. After all, character counts, and we are jealous of the types of character borne by graduates of the Technical Institute.

I believe that the students of the year 1937-38 appreciate the spirit of the Institute, and it is our sincere hope that in addition to being more proficient in some craft with which to earn a living because of having attended the Institute, those who have been with us are conscious that something even more valuable has come into their lives—vision to achieve honorably.

If this is the case, our associations have been worthwhile and all our lives we will cherish the sweet memories of happy days at Tech.

W. G. CARPENTER, Principal.





# THE "TECH.-ART RECORD" STAFF

**Editorial Staff:** 4. Bob Byron, Editor-in-Chief; 5. S. A. Morton, Assistant Editor; 3. Dick Mathews, Art Editor; 1. Clarice Chandler, Women's Editor; 2. Wallace Harper, Social Editor; 6. Lloyd Falkner, Sports Editor; Mr. Peebles, Staff Representative.

**Business Staff:** 10. Bill Walkley, Business Manager; 9. Wellington Riggs, Advertising Manager; 11. Norman MacMillan, Circulation Manager; 8. Frances Boundy, Stenographer; 12. Yvonne Ouellette, Stenographer.

**A**S Staff Representative of the "Tech-Art Record" it is my privilege to pay tribute to those whose efforts have made the publication of this volume possible.

You, who turn the pages of the finished product—perhaps a little critically—have small conception of the work and effort which have gone to its making; the organization and checking required to get class photographs and biographies completed, and to be sure that the picture of John Brown is not paired with the write-up of Gladys White; the careful editing to which every sentence must be subjected in order that nothing hurtful to the feelings of anyone may be published; the proof-reading, and the reading of revised proof; the weary hunting for advertising and the tiresome chasing of reluctant purchasers; and, finally, the anxious thought which goes to the making up of the volume as it will appear.

This year the Students' Association has been fortunate in securing the services of an unusually competent and willing staff to undertake the work of producing its Year Book. Every member has done his (or her) utmost to make the publication a success. Three months ago those whose pictures appear upon this page were merely Tech. students, young, carefree and exuberant of spirit. Today, as these lines are being penned and as the work of producing the volume approaches its climax, they are worn and aged, their shoulders bowed with care, their brows deep-lined with thought. Perhaps, their job accomplished and their duty done, they may ultimately recover; one hopes they may live, at the least, to see the fruition of their labours.

In producing "The Tech.-Art Record" it has again been necessary to cut the coat according to the cloth available. Financial considerations have imposed rigid limits on achievement. But I feel that with the funds available, the staff has produced as good a record of the Institute, its students and their activities as was possible. It is hoped that you who, by purchasing a copy of the volume have done your part in assisting in its production, will agree.

In addition to those whose names appear above, tribute must be paid to the following for the work which they have done in promoting the interests of the publication by acting as advertising and circulation agents:

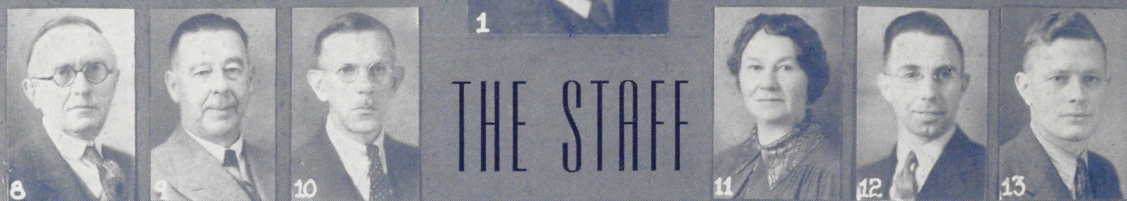
Miss M. Maughan; Miss E. McLintock; P. Attrill; I. Coram; J. D'Appalonia; N. Filipchuck; W. Findlay; P. James; A. Kinesewich; B. Lust; W. Morris; L. Northey; C. Roberts; E. Shaw.

Thanks must also be tendered to Mr. Taylor, Sr., of the Phoenix Press Co.; to Mr. Duff of the Hicks Engraving Co., Ltd.; to Mr. Duncalfe, of the Western Printing and Lithographing Co., Ltd.; and to Mr. Bird, of the Central Studio, for the advice and co-operation which they have given.

I should also like to acknowledge the valuable assistance rendered by Mr. Safran in the organization of the advertising campaign and in helping to look after the business side of the work.

A. A. PEEBLES, Staff Representative.







# THE STAFF

## 1. DR. W. G. CARPENTER, B.A., LL.D.,

Principal, and Director of Technical Education for the Province of Alberta, was born in North Augusta, Ont. He graduated from McMaster University in 1905, and in 1912 became Superintendent of Schools in Edmonton, a position which he held until 1924, when he assumed his present appointment. Dr. Carpenter has occupied the presidential chairs of the Northern Teachers' Association and the Alberta Education Association, and has been a member of the High School and University Matriculation Examination Board since its inception. Hobby—colour photography.

## 2. JAMES FOWLER, M.A., B.Sc.,

Vice-Principal, is a native of Hawick, Scotland, and gained his degrees at the famous Edinburgh University. He came to Canada in 1913, and joined the staff of the Olds School of Agriculture. Three years later he became one of the original members of the teaching staff of the Institute of Technology and Art, and succeeded Mr. J. H. Ross as Vice-Principal in 1929. In addition to his duties as Vice-Principal, Mr. Fowler is head of the Science Department, and conducts the senior classes in chemistry. Hobby—playing the bassoon.

## 3. L. H. BENNETT, M.R.A.I.C., M.R.San.I., M.Coll.H.,

Director of Evening Classes and Chief Instructor of the Manual Training and Building Construction Groups, was born at Portishead, England, but moved to Winnipeg in 1883. He subsequently returned to England, but came back to Canada in 1900. Mr. Bennett's technical training has been unusually wide and varied, and has included courses of study at Bristol and London, in England; Leipzig, in Germany; Guelph, Menomonic and Chicago. Mr. Bennett became one of the original members of the staff of the Institute in 1916. Hobby—orange.

## 4 C. A. CHOATE, A.M.S.A.E.,

Head of the Automotive Department, claims Ingersoll, Ont., as his birthplace. During the war he served overseas with the famous 31st Battalion of Calgary, and upon his return to Canada in 1918 he joined the S.C.R. at East Calgary. He has been on the staff of the Institute ever since; and thus, although not a member of the original staff, ranks as one of its oldest members in respect to period of service. Hobby—building pontoon bridges in the R.C.E.

## 5. J. B. de HART, M.Sc., P.E., M.E.I.C., M.C.I.M. & M,

Director of the Correspondence Courses, was born at Newcastle-on-Tyne, England, and was educated at St. Paul's School, London, and McGill University, where he took his degree of B.Sc. in Civil Engineering in 1910. In the following year he graduated in Mining Engineering, and in 1912 he qualified for his M.Sc. degree in Coal Mining. Since that time he has been associated with the coal industry of Alberta, for the last fourteen years as a member of the staff of the Mines Branch of the Provincial Government. His present appointment with the Institute dates from November 1st, 1937.

## 6. H. G. GLYDE, A.R.C.A. (London),

Chief Instructor of the Art Department, was born in Luton, England, and studied at the Hastings Brassey School of Art and the Royal College of Art, London. Was awarded a diploma with distinction by the latter, and won a scholarship for post-graduate training in mural and decorative painting. In addition, Mr. Glyde holds the Lewis Regis travelling scholarship in architectural decoration, and other honours. He commenced his teaching career in 1929 at the Royal College of Art, and joined the Institute staff in 1935. Hobby—singing.

## 7. T. A. HEDLEY, M.Coll.H., A.M.S.A.E.,

Chief Instructor of the Diesel Engine and Farm Mechanics Classes, is a native of Ontario. After studying telegraphy, and farming for a few years, he opened a machine shop in Cayuga. Later he spent several years with the Fairbanks-Morse Co. in Toronto, Winnipeg and Calgary, and entered the service of the C.P.R. in 1913. He joined the staff of the Institute in 1917, and has since had charge of several different departments, including the Machine Shop. Hobby—repairing decrepit farm machinery.

## 8. L. E. PEARSON, B.A., M.Coll.H.,

Instructor-in-charge of the Drafting and Design Department, was born in Kansas and received his education in California, where he subsequently taught for five years at the California Polytechnic School. He then attended Columbia University, and obtained his diploma in Fine Arts, later completing the work for his degree in Art at Stanford University. Mr. Pearson has taught in New York, and at the Camrose Normal School. He is one of the original members of the Institute staff, which he joined in 1916. Hobby—writing minutes of Staff meetings.

## 9. A. A. PEEBLES, A.R.Ae.S.I., M.S.A.E.

Head of the Aeronautical Department, comes from the Old Country. He received his practical training in the engineering shops of Glasgow, and his technical education at the Royal Technical College, Glasgow, and London University. He came to Canada in 1910, and became Editor of the "Western Canada Contractor", a Hugh C. McLean publication. In 1914 he enlisted in the First Canadian Contingent, and was demobilized with the rank of Captain in 1919, having been twice mentioned in dispatches. In 1922 he entered the Royal Air Force as a technical officer with the rank of Flight Lieut., but three years later returned to Canada. Hobby—dogs.

## 10. F. N. RHODES, B.Sc., A.M.E.I.C.,

Chief Instructor of the Electrical Department was born at Hagley, England, and came to Canada in 1904. Since then he has been associated with the electrical industry in various parts of Canada and the United States, from far north to the Mexican border. During the Great War he saw service with the Royal Air Force, and after demobilization in 1919 he joined the S.C.R. staff at East Calgary. When the Institute resumed its normal functions, Mr. Rhodes remained on the staff, and has had charge of the Electrical Department ever since. Hobby—gardening.

## 11. MISS CLARA E. SMITH,

Head of the Dressmaking, Millinery and Textile Department, claims Collingwood, Ont., as her birthplace. Miss Smith has taken courses of study at Toronto University, the University of Wisconsin, The Stout Institute, Wis., Columbia University, New York, and the American Fashion Company Cutting and Design School. In 1917 she was appointed head of the Dressmaking Department of the Edmonton Technical High School, and ten years later joined the staff of the Institute. Hobby—the Iota Club.

## 12. E. W. WOOD,

Instructor-in-Charge of the Machine Shop, is a native of Portsmouth, England. In 1921 he entered the Royal Navy on the engineering side, and has travelled widely in the ships of the Empire. He came to Calgary in 1930, and joined the staff of the Institute the following year.

## 13. F. G. YOUNG, M.A.,

Instructor of Mathematics, was born in London, England. He graduated from the University of Alberta in 1915, and followed up with a course at the Camrose Normal School. During the Great War he abandoned his academic career in order to join the Canadian Army, and upon his return to civil life, after the armistice, he taught in various high schools. Mr. Young subsequently joined the staff of the University of Alberta as student-instructor of Mathematics, and took up his present appointment in 1925. Hobby—short-wave radio.

## 14. D. C. FLEMING, B.Sc.,

Has charge of the Radio Branch of the Electrical Department. He is a graduate of the Normal School and the University of Alberta, and has taught at Nanton. He was subsequently employed as radio manager in the Taylor, Pearson and Carson warehouse, and joined the staff of the Institute in 1934. Hobby—photography.



## THE STAFF--continued

### 15. L. C. BROWNING,

Electrical Shop Instructor, is a native of Kent, England, but came to Canada in 1907, where he followed the electrical industry in Winnipeg and Vancouver. He was in charge of the electrical installation of the Institute buildings, and when the job was completed he joined the instructional staff. He has thus been associated with the Tech. ever since the organization moved to its present location. Hobby—gardening.

### 16. S. N. NELSON,

Also of the Electrical Shop, came from the south to Alberta in 1900, and graduated from the Electrical Class of the Institute in 1923. For the next six years he was with Electrical Engineers, Ltd., of Calgary. In 1929 he joined the staff of the Institute, an appointment which he has held since that date.

### 17. A. C. WAGNER,

Instructor of Automotive Electricity, comes from Hertfordshire, England, and received his early engineering training with Robey's, Ltd., Lincoln. He came to Calgary in 1898, and worked for 16 years with the C.P.R. Mr. Wagner joined the staff of the S.C.R. in East Calgary, and has been associated with the Institute ever since.

### 18. S. SIMONS,

Motor Shop Instructor, was born in London, England, and came to Canada in 1912. Except for four years' service with the Royal Navy, Mr. Simons has been connected with the automotive industry ever since coming to Canada, and joined the staff of the Institute in 1929.

### 19. F. B. WYNNE,

Another member of the Motor Shop staff, was born in Ontario, but was educated in Calgary. He graduated from the Motor Department of the Institute, and after four years of practical work, returned as a member of the staff in 1929. Hobby—big game hunting.

### 20. W. R. ABBIS,

Instructor of Automotive Electricity, was born in Sussex, England, in 1904. He ranched near Medicine Hat until 1924, when he enrolled as an electrical student of the Institute. He was subsequently employed with the Specialty Manufacturing Co. for several years, and joined the staff of the Institute in 1931.

### 21. S. N. GREEN,

Aeronautical Shop Instructor, is another member of the staff who claims Hertfordshire, England, as his birthplace. He received his engineering training with E. A. Prime & Co., of Hitchin, and thereafter came to Canada and spent five years with the Royal Canadian Air Force. He then took up commercial aviation, and was on the first air mail to fly into the Northwest Territories in 1929. He was for some time chief maintenance engineer for United Air Transport, Edmonton, an appointment which he resigned in 1935 to assume charge of the Aero. Shop. Mr. Green is a certified air engineer, and has his A, B, C and D licenses. Hobby—model locomotive building.

### 22. W. E. JAMISON,

Aeronautical Shop Instructor, was born in Vulcan, Alta., and enrolled as an aeronautical student in 1933. After graduating in 1935, Mr. Jamison attended the Boeing School of Aeronautics in Oakland, Calif., until his appointment to the Institute staff in October, 1936.

### 23. MISS A. VEENENDAAL,

Of the Dressmaking and Millinery Department, was born at Amsterdam, Holland. She received her early training at the Drawing and Art School in Amsterdam, and later attended a teacher-training school at the Hague. Thereafter Miss Veenendaal taught for four years at a designing school. She came to Canada in 1928, and established a business for herself in Edmonton. She joined the Institute staff in 1932, and two years later returned to Europe to study new methods in technical education. Hobby—Girls' Basketball.

### 24. MISS A. E. CLARKE,

Teaches Millinery, and is a native of Quebec. She served her apprenticeship in the Robert Simpson store in Toronto, and later established a business in Winnipeg. In 1928 Miss Clarke came to Calgary, and has since then been conducting a business under the name of The Calgary Millinery. She has been a member of the Institute staff for the past five years.

### 25. MISS M. E. MOSEY,

Of the Dressmaking Department, comes from Ontario, and received her training in Detroit and Chicago. She was subsequently in business for herself in Edmonton for a number of years, during which period she was associated with the Dressmaking Department of the Edmonton Technical High School. Miss Mosey joined the staff of the Institute in 1927.

### 26. MRS. J. M. WHIDDEN, B.A., B.Ed.,

Conducts instruction upon the subject of Foods and Nutrition. A native of Nova Scotia, Mrs. Whidden graduated from the University of Saskatchewan, where she majored in Home Economics. After a period of teaching in the public schools of Saskatchewan, she took a course in Dietetics at the Toronto General Hospital in 1930, and was subsequently upon the staff of the Moose Jaw General Hospital. Mrs. Whidden came to Calgary in 1932, and taught in the Technical High School until 1935, in which year she joined the staff of the Institute.

### 27. MISS N. C. JORGENS,

Dressmaking and Millinery Department, is a native of this Province, and an ex-student of the Dressmaking and Millinery and of the Art Departments of the Institute. Miss Jorgens joined the staff of the Institute in the fall of 1933. Hobby—stray cats.

### 28. MISS D. le COCQ, A.R.M.S.,

Of the Art Department, is a native of London, England. She received her training at the Central School of Art and the Royal College of Art, of London, and upon completing her course at the last-named, remained for some time as personal assistant to Prof. R. Garbe, R.A., Professor of Sculpture. Miss le Cocq subsequently taught for two years at the Kilburn Institute, London, and for a further three years at the Campton Hill Institute. She came to Canada in 1935, and joined the staff of the Institute the same year. Miss le Cocq has had her work exhibited on a number of occasions at the Royal Academy, the Royal Institute, Glasgow, the Milan Exhibition, Italy, and other places.

### 29. W. A. ADAM,

Art Department, was born in Paisley, Scotland, but came to Canada at an early age. Has studied at the University of Alberta and the Edmonton Normal School, and has taken work in art at the Ontario College of Art and under the tuition of Mr. Leighton at the summer schools at Banff and Kananaskis, and at the Institute, the staff of which he joined in 1935. Mr. Adam is an Associate of the Alberta Society of Artists.

### 30. D. C. JONES, B. Eng., S.E.I.C.,

Instructor of Mechanical Drafting and English, is a native of Calgary, and a graduate of the Aeronautical Department of the Institute. Upon concluding his course here he studied engineering at the University of Alberta for two years, and then spent a further two years at McGill University, from which he graduated in engineering in 1937. He then spent several months with the Proctor and Gamble Co., of Hamilton, and joined the staff of the Institute last fall.

### 31. N. SAFRAN, B.Sc., M.Sc.

Instructor of Science and English, is also a native of this city, and graduated from the Provincial University. Is an Honours Man in Chemistry. Has subsequently taught at the Mount Royal College, and worked in the oil fields as a chemical expert. He joined the staff of the Institute in the fall of last year.



## THE STAFF--continued

### 32. R. O. YOUNG, B.Sc.

Instructor of Mathematics, was born in North Dakota, but has lived most of his life in Alberta. Attended the Normal School, and thereafter spent four years in the teaching profession. He graduated from the University of Alberta in 1936, and joined the staff of the Institute in the following year.

### 33. R. C. EASTERBROOK,

Instructor of the Diesel Engine Class, was born in Winnipeg, and is an ex-student of the Automotive Department of the Institute. He served overseas with the Canadian Forces, and in 1917 was wounded in the famous Canadian attack upon Vimy Ridge. He subsequently served in the Royal Air Force, and was undergoing ground training when the Armistice was signed. Since then he has had considerable experience of Diesel engineering, and joined the Institute staff this year.

### 34. S. HRUDEY,

Instructor of Carpentry in the Farm Mechanics' Class, comes from Edmonton. He is a graduate of the Building Construction Class of the Institute, and has been on the staff since the fall of 1936.

### 35. F. STOTHARD,

Instructor of the Diesel Engine Class, comes from England, where he received his early engineering training. He came to Canada in 1927 to service Diesel engines for R. A. Lister & Co., and was later appointed Alberta manager for the Mumford-Medland Co. He is now service manager in Edmonton for the Bruce Robinson Electric when not teaching Diesel work at the Institute.

### 36. D. HOLMES,

Storekeeper, was born and educated in the north of Ireland, and first came to Canada in 1906. During the war he served with the 56th Canadian Battalion. He joined the staff of the Institute in 1921, and has been in charge of the tool store ever since.

### 37. R. W. RAMEY,

Laboratory Assistant, was born in Wainwright, Alta., and enrolled as an Aeronautical student of the Institute in 1935. He graduated in 1937, and joined the staff in the fall of the same year.

### 38. T. MILTON,

Caretaker, is a native of Devonshire, England, but has been in Calgary for the past 30 years, and in the employment of the Provincial Government for 22 years.

### 39. MISS IVY SINCLAIR,

Secretary, was born at Komoka, Ont., and was educated in London, in the same province. She joined Dr. Carpenter as his secretary when he was Supervisor of Schools in Edmonton, and has been with him in that capacity ever since.

### 40. MISS M. McKENNA,

Stenographer, is a native of Winnipeg, but came to Calgary to study business. She joined the staff of the Institute in 1931.

### 41. MISS E. M. DOWKES,

Stenographer in the Correspondence Department, was born in Glen Ewen, Sask. She came to Calgary in 1926, and took a course in stenography and bookkeeping, joining the staff of the Institute in 1933.

In addition to the members of the staff whose names appear in the preceding columns, the following have been temporary members of the Instructional Staff during the year:

Mr. Rees (Machine Shop).

Mr. Hummel (Blacksmith's Shop).

Mr. Gold (Welding).

Mr. Badcock (Farm Construction).

Mr. Blatchford (Diesel Engines).

## FALL TERM

THE results of the elections startled everyone. For the first time in many years the executive was composed almost entirely of girls. In spite of this fact, the activities of the school got off to a fine start and keen interest and enthusiasm were shown.

The treasurer, her committee and Mr. Young drew up the budget with care. Due to a slight decrease of funds, the allotments of some of the committees had to be decreased, making it necessary for the chairmen to do their utmost to keep down expenses.

All school activities were well supported. The Shooting Club had a remarkable attendance and many good shots were made. The basketball and hockey teams got under way, and although games were only fairly well attended, they will probably make great strides ahead in the spring. The Dramatic Club produced a very excellent play which was well supported by the student body. Due to the shortage of finances the Emery Weal was restricted to two issues, to be put out in the Spring Term.

The association meetings throughout the term were exceptionally good, and keen interest was shown in their proceedings.

—F. H.

## WINTER TERM

THE Wednesday afternoon Literary meetings for the winter still seem to hold the interest of the majority of the students, a fact which has been shown by the large turnouts.

The business meetings were very successful and the students took the opportunity to participate in discussion whenever it arose, showing especially keen interest during Banquet discussions. The procedure essential for the correct conducting of business during these meetings should prove of educational value to those students who were present, for one never knows when he himself will be called upon to handle a similar type of meeting. It was my endeavour to cut the meetings as short as possible, but owing to the multitude of business to be transacted it was impossible to achieve my desire.

I should like to take this opportunity to extend my sincere thanks to the executive and instructors for their excellent co-operation throughout my term of office. Each chairman of the executive carried out his or her responsibility in a willing and capable manner. The Banquet Committee spent hours of their valuable time ungrudgingly in an effort to make the Banquet the success that it was.

In the various activities such as Basketball, Hockey, Shooting, Tumbling and Wrestling, Dramatics and Dancing, we found the students taking a keen interest. We hope they will continue to support them and turn out in even greater numbers in the future.

It is my sincere hope that the next president will find that same spirit of co-operation from students and instructors which has made our Winter Term so successful.

—W. H.





# STUDENT'S COUNCIL

Fall Term: 4. Frances Hood, President; 3. Estelle McIntock, Vice-President; 2. Betty Hibbard, Secretary; 1. Gladys Osness, Treasurer; 9. Marjorie Maughan, Literary Convenor; 10. Wallace Harper, Social Convenor; 11. Ron Mackay, Athletic Chairman.

Winter Term: 5. Wallace Harper, President; 6. Dick Mathews, Vice-President; 7. Margaret Wilson, Secretary; 8. Clarice Chandler, Treasurer; 13. Grant Cahoon, Athletic Chairman; 14. George Kitchen, Social Convenor; 15. Jack Mitchell, Literary Chairman; 12. Mr. Rhodes, Staff Representative.

## COMMITTEES

ATHLETIC	Fall.....R. H. Mackay, B. Cockell, Jean Fraser.
	Winter....M. Julson, Jean Fraser.
LITERARY	Fall.....Marjorie Maughan, L. Faulkner, W. Wilson.
	Winter....J. Mitchell, T. Barry, Marjorie Maughan.
SOCIAL	Fall.....W. Harper, J. Pollock, K. Michie.
	Winter....G. Kitchen, C. Staples.
FINANCIAL	Fall.....Gladys Osness, R. E. Byron, W. Walkley.
BANQUET	Chairman—Steve Nazar. Secretary—Velma Pearn. Business—"Bingo" Rolston. Dance—George Kitchen. Programme—Claude Roberts. Decorations—Sam Saluk.

## CLASS REPRESENTATIVES

Fall		Winter
Douglas Chandler .....	AERO.....	A. H. Johnson
Dick Mathews .....	ART.....	Nancy Jackson
Claude Roberts .....	COMPOSITE.....	Claude Roberts
Miss Chandler .....	DRESSMAKING.....	Velma Pearn
Norman MacMillan .....	ELECTRICS.....	I. T. Coram
C. A. Roberts .....	FARM MECHANICS.....	C. A. Roberts
A. Kinasewich .....	MOTOR.....	Harvey Sproule
F. Whittle .....	GEN. SHOP.....	J. Inglis

## SPRING TERM EXECUTIVE

President—C. Staples.	Athletic Chairman—
Vice-President—Miss Mudie.	N. Lindsay.
Secretary—Gladys Osness.	Social Chairman—J. Inglis.
Treasurer—Clarice Chandler.	Literary Chairman—J. Bundy.



# EDITORIAL

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For the eighth time, this record of the students and their activities at the Institute of Technology and Art, is published. It is our hope that in the years to come you, as ex-students, may open it and refresh memories of happy days and busy hours; recall forgotten ideals and ambitions; give credit to the institute which started you on the road to success.

To that end, we have attempted to catch the spirit of every phase of student activity, and as faithfully as is possible on the printed page, enable the student to re-live, when student days are long past, the events of this year. A measure of your enjoyment is a measure of our success.

The Institute has gained wide publicity and recognition this year. The "Night Shift" broadcast of our activities across Canada, the establishment of a short wave radio station, a broadcast amateur hour, art and handicrafts exhibits, and news items in the local papers, have made the Institute year an outstanding one. As we hope this record becomes another means of making the public conscious of our work and achievements, so we hope the graduates of the Institute will make a favourable impression in their sphere of activity, and reflect creditably on the Institute.

We would fain ask former students to express in a few words their debt to the Institute. Probably the technical knowledge gained, the marshalling of facts, the manual skill acquired, would be valued not more highly than the developing, adjusting and rounding of personality and character resulting from the spirit of camaraderie and co-operation that has pervaded our Tech. activities. They must feel that Tech. has given them considerable technical skill, the rudiments of knowledge in their chosen field, but more priceless, an appreciation of the labor and skill involved in manual activities, the desire to be useful. That they have proved their usefulness is amply shown in even the brief mention of ex-students and their work by the heads of the departments. It is in this spirit, in part, that we dedicate this issue to the workers in the field of technical education.

## ABOUT THE YEAR BOOK

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Over the trials and tribulations of a year book staff we lightly pass; with the passing of the years, their mountainous bulks become as mole-hills; a glow of satisfaction in a task undertaken and completed remains to warm the blood of prematurely senile year book staffs.

Dale Carnegie says that the thing of most importance in this world to every man is himself. It is natural then to assume some slight interest on the part of Tech. students in their own photographs. Bearing this truism in mind, we have doubled the size of the individual photographs, which were last year less than one-half the size of a postage stamp. You second-year skeptics get out your calipers and slide rules and verify our statement. Satisfy yourselves that this is neither a figure of speech nor a figment of the imagination. We hope the personality and charm and poise of the subjects portrayed herein is likewise doubled.

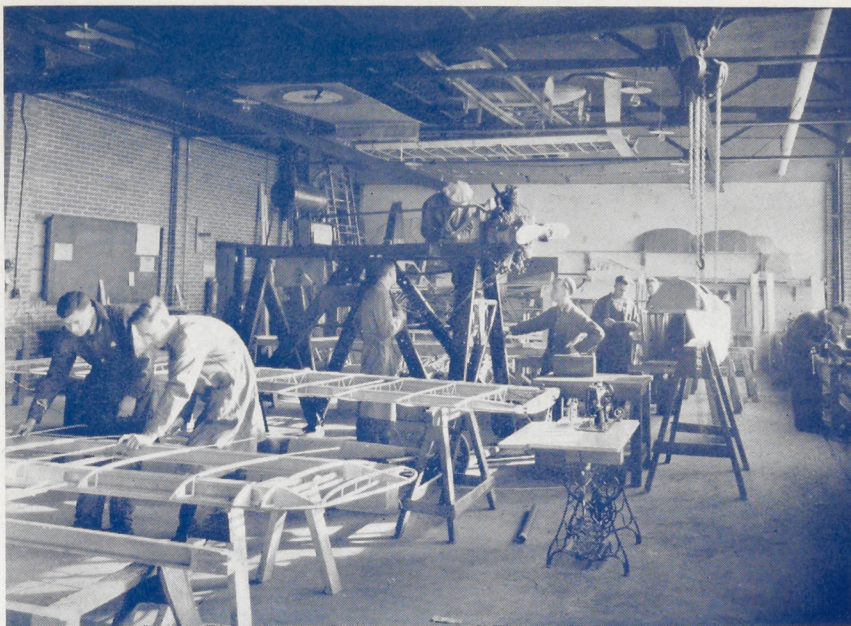
In the search or something new, we tried a contest for the best literary contributions. The innovation was such a success that we are recommending a special appropriation for the purpose next year, and in tribute to the talent unearthed are recommending that the name of the Institute be amended to read, "The Institute of Technonology, Art and Letters." Congratulations to the winners, regrets that the number of prizes was finite, are decidedly the order of the day.

Through the interest and co-operation of Dr. Carpenter we present illustrated title pages for the class sections. Our only regret is that every class could not be similarly depicted and similarly honoured. We fear that the photographer became bogged down looking for the General Shop.

The keynote of the design is austere simplicity—a modern trend. Lest you feel that the pages are plain, gaze upon some modern furniture designs—the large masses, plain and relieved only by a few spare lines. And confidentially, the printer showed us brand new shining type, unbesmirched by former lesser publications—used for the first time to print the "Tech.-Art Record." It is the latest word in type design.

In short, we hope we have succeeded in presenting a modern year book to a modern, progressive people, of a modern, progressive institution.





# AERONAUTICS

**T**HIS year the Aero. Department is bigger and, I think, better than ever. The cream of the 1936-37 first-year students have returned to complete their courses, and to pass on to the new-comers the traditions of the group—accuracy, acumen and aggressiveness. The first-year men appear to be keen, interested in their work and in all the activities of the Institute, and determined to learn all they can about aeronautics. On the whole the department is, perhaps, even more of a “happy family” than in previous years.

There is plenty of work in the shops. The two DeHavilland “Moths” from Grande Prairie are both so badly wrecked that their rebuilding will mean the virtual construction of two new aeroplanes; little more than a few of the fittings from the old machines will be built into the new ones. The “L. G. Experimental” monoplane is nearing completion, and should be ready to take the air by the summer. In the engine shops work on the reconditioning of a Curtis “Challenger” six-cylinder two-crank radial and two “Cirrus” Mark III’s is progressing. A number of propellers, including one for the “L. G. Experimental”, have been made or are in process of making, while work is proceeding on Martinovsky’s snowmobile. Just when this last job will be completed is uncertain, but it is hoped to have it ready for operation in time for the next Ice Age. It (the snowmobile, not the Ice Age) is to be fitted with a controllable-pitch propeller, and will probably be the first snowmobile in the world to be so equipped.

All this work, in conjunction with the heavy enrolment of first-year students, has been a source of embarrassment to Mr. Green and Mr. Jamison, who are to be congratulated upon the able manner in which they have met and coped with their numerous problems. That they have stood the strain without

sticking straws in their hair and taking single tickets to Ponoka is surprising.

In sport the Aeros. hold, for the second successive year, the Athletic Cup, and were this year runners-up in both the inter-class hockey and basketball contests. At the banquet the decorations of the Aero. Department tables were second to none. The operating “Genet” aircraft engine, for which we have to thank the mechanical genius of Kehoe, was a striking novelty, and quite the outstanding feature of the many splendid exhibits.

Of the ex-students of the Department a number have found employment in their chosen sphere. To the writer’s knowledge, over a dozen are at present in the British Isles as Pilot Officers in the Royal Air Force, and about half that number have joined the Royal Canadian Air Force as Aircraftsmen. A score or more have obtained appointments in civil aviation in factories, on maintenance work, as meteorologists or radio operators. There are doubtless others at present actively engaged in some branch or other of aeronautics concerning whom no information has been received.

With the opening of the proposed Trans-Atlantic and Trans-Canada airlines flying in the Dominion will undergo, during the next few years, enormous development, and will create a great demand for trained men. This will mean employment for every skilled mechanic and technician whose services are available. In the past graduates of the Department have found no little difficulty in obtaining employment; today this difficulty still remains, but it is growing less acute; and in a year or two, if present schemes mature, it will have entirely vanished.

A. A. PEEBLES,  
Chief Instructor.



# AERO

## 1.



1. **P. J. ATTRIL.** Medicine Hat, Alta.  
Phil is a friendly, jovial boy. Can usually be found swapping jokes in the Aero. Department. He despises Maths. and moustaches; no great success at either.

2. **J. A. BASTIAN.** Hinton, Alta.  
Maintains his boyish figure by boxing, so that he may display it dancing. Favourite saying: "Bust my suspenders." We wouldn't try.

3. **A. BERRINGTON.** Calgary, Alta.  
A. B. is one of the reasons why the Aero. Hockey Team met no formidable opposition. Searching for people to appreciate his modesty keeps him busy.

4. **K. D. BIRLEY.** Calgary, Alta.  
Noted for his fluent language, and boxing. Born in 1917, at Fort St. John. Still has time to learn.

5. **W. S. BLACKWOOD.** Calgary, Alta.  
Born in Saskatoon and has lived for 19 years. Is known as Rover.

6. **E. J. BULLOCK.** Taber, Alta.  
Wants to be an aviator. Highly interested in women, but dislikes dancing. Favourite expression: "It's a buzzard."

7. **A. M. BYRNE.** Waskateneau, Alta.  
Nineteen years old, with a cheerful disposition. Pastime—sleeping. Ambition: to sing tenor in a Dressmakers' Lit. Sadly, his voice won't let him.

8. **VICTOR CHERAR.** Calgary, Alta.  
Deserted the hallowed precincts of the Institute for the balmy climate of Victoria. Has apparently temporarily forsaken his ambition to be an aviator.

9. **W. C. DOWNEY.** Calgary, Alta.  
Earned the name "Power-house" on the hockey rink. Ambition: to give advice to the love-lorn, under the name "Dithory Dox."

10. **C. F. FARMER.** Calgary, Alta.  
Industrious and always willing to give a helping hand. Ambition: to retire at the age of 21.

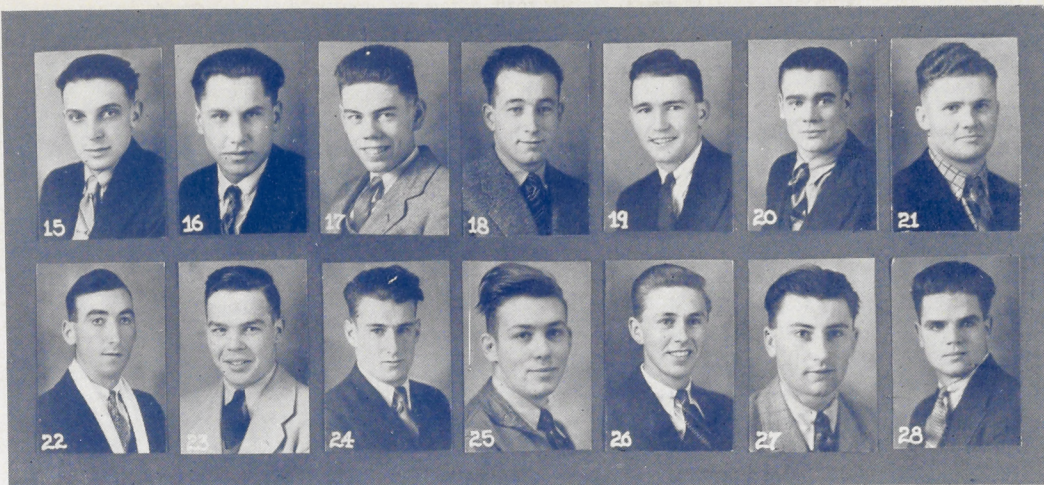
11. **W. E. GOODWIN.** Calgary, Alta.  
The boy with the dreamy eyes, born in 1920. Favourite pastime—hockey. He is eternally disgusted with Berrington. Favourite expression: "I'm coming, Berrington."

12. **E. H. HANN.** Nobleford, Alta.  
A bashful boy, whose only ambition is to be a good air engineer. He just spends his time collecting snaps, and more snaps.

13. **C. M. HORNE.** Vermilion, Alta.  
Plays the saxophone, and hopes he is as good as Rudy Valee. Hates to hear his instrument abused by amateurs.

14. **A. H. JOHNSON.** Grande Prairie, Alta.  
Favourite expression: "Let's talk about me." Interested in blondes, and the two "Moths" from his home town.





# AERO

## 1.

### 15. R. M. JOYCE. Dodsland, Alta.

A great mixture, this boy; 22 years old, a baseball and hockey player, who hopes to fly, and wants to set up a garage business.

### 16. A. KONKIN. Yorkton, Sask.

Konkin came to Tech. to learn aeronautics, and to avoid blondes. Little success in either. Favourite expression: "O Yeah?"

### 17. J. E. LEBRECQUE. Calgary, Alta.

Interested in Rugby and baseball. Pet aversion: Mr. Peebles' Aerofoil Characteristic Graphs. Favourite saying: "What's that?"

### 18. W. F. MacCALLUM. Gleichen, Alta.

Played the perfect villain in "The Perfect Alibi." Shows interest in second-year Dressmakers, and flying. Evidently hates polishing his shoes. Favourite saying: "Let's buy some more peppermints."

### 19. D. B. MACKEY. High River, Alta.

Mackey, the wit of the Aero Group, first made his parents laugh in 1915. Favourite pastime: almost getting silver spoons for shooting. Favourite saying: "I'm wrong again."

### 20. DON MacQUEEN. Lamont, Alta.

Donny is a patrol leader of a Boy Scout Troop. Hopes to learn to be an aeroplane mechanic supervisor. His favourite expression: "—."

### 21. FREDERICK MAUND. Calgary, Alta.

Fred, the wise old man of Aero. I, came to Tech. to teach "Life" to inexperienced Aero's. Hobbies: model building, and being good-natured.

### 22. S. H. McCaIG. Calgary, Alta.

Born in Medicine Hat in 1914, and later migrated to northern Alberta before coming to Tech. Cheerful and industrious.

### 23. K. A. McCASKILL. Calgary, Alta.

Born on July 6 in Winnipeg. Has cultivated a radiant smile. A great sport enthusiast. Pet ambition: to win a silver spoon.

### 24. J. W. McGINNESS. Grande Prairie, Alta.

A rambler, born in Montana, in 1916. Aims to be a first class air engineer. Hobbies: are model building, hockey, and flying. Tries to be musical.

### 25. S. A. MORTON. Calgary, Alta.

Born in 1919, with a cherubic countenance, and an ambition to keep as far away from work as possible. Associate Editor of the Year Book.

### 26. H. E. RAMEY. Wainwright, Alta.

An inter-class sport enthusiast. Main ambition: to keep Simper awake for a whole period. Pastime: playing snooker with Simper.

### 27. EARL RIEP. Calgary, Alta.

Born in 1920, and came to Tech. to learn to be a pursuit pilot. He is interested in the pursuit of everything—even knowledge.

### 28. R. R. ROBINSON. Brocket, Alta.

Feels that the lack of dignity and the informality of the Aero. Shop is bourgeois. Favourite saying: "What has Mr. Green done now?"



# AERO

## I.



### 29. F. J. SANTO.

Calgary, Alta.

Santo came to Tech. because he thought the Aero. Shop was a fine place to make some skis. Favourite pastime: laughing at other people's jokes.

### 30. F. F. SHAW.

Marwayhe, Alta.

Evolves his air-manoeuvres by carving meat, in loops and spirals. Sees as many shows a week as there are days, but admits that banquets have their features too.

### 31. J. H. SIMPER.

Calgary, Alta.

A staunch competitor in inter-class sports. Main ambition is to become an ace aviator. Pastime: sleeping in class.

### 32. R. G. SMITH.

Wembley, Alta.

Richard Smith, alias Fatty, born in 1914. Referee for all inter-class hockey games. Tubby also takes an active interest in baseball. Is known as the hardest worker in Aero I.

### 33. G. B. SMITH.

Craigsmyle, Alta.

He wants a pilot's job on the Trans-Canada Airline. Answers all questions with a laconic, "Who, me?"

### 34. R. G. STATES.

Wayne, Alta.

Shines as a fiddler in the orchestra, and in track and field events. Wants to become an air engineer, and retire at an early age.

### 35. G. W. STEVENS.

Melfort, Sask.

Born in 1920, Stevy came to Tech. to learn aerodynamics, and subsequently wore out his shoe leather carrying suckers to the ladies. Favourite saying: "Ah Shucks."

### 36. H. A. STRAUGHAN.

Spedden, Alta.

Red was born in San Antonio, Texas. Is an all-round sportsman. Aspires to be an aeronautical inspector, and means to realize his ambition. A good worker.

### 37. L. K. TALLMAN.

Taber, Alta.

Small, dark, with a cookie duster. He thinks the "Big Apple" should be made into small cider. Hopes his penchant for designing kites will grow into the design of aircraft.

### 38. J. WALLWORK.

Taber, Alta.

Interested in sports, and all things aeronautical. Activities: seeing things in as short a time as possible. Ambition: to become an air engineer.

### 39. JOHN WALSH.

Bassano, Alta.

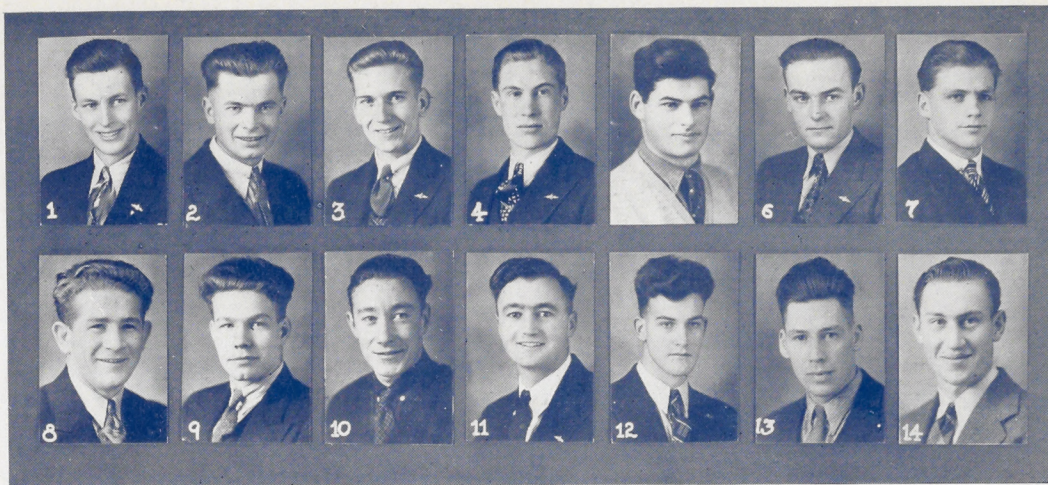
Jack's pet aversion, staying in at night, follows naturally from his interest in anything on high heels. Piteously cries: "Stop, you're breaking my heart."

### 40. R. J. WILLARD.

Vulcan, Alta.

When you see that shining light in his eye, he is seeing the headline, "Willing Willard, the Daring Test Pilot." Habitually inquires, "What shall I do now, Farmer?"





# AERO

## II.

1. W. J. BARR. Lethbridge, Alta.

✓ One of those strong, silent men whose reticence is due either to his not having a past, or having one, fearing its discovery.

2. MANSELL BARRON. Wardlaw, Alta.

✓ Mansell has been partial to the West since his birth in B.C. in 1916. Ambition—to become an air engineer. Is obsessed with Art students. "Wotta lad."

3. DOUGLAS CHANDLER. Med. Hat, Alta.

✓ Was born and raised in "the place with hell for a basement." Doug's feet fill army boots; and his name sports "Sarg" in the S.A.R. Claims his only ambition is to master ignition.

4. BRUCE COCKELL. Medicine Hat, Alta.

✓ "Stooge" to Faulkner and Riggs. Right forward on Tech. hockey team; clarinet soloist in orchestra. Is a Rolls-Royce expert and intends to show the British what aviation is all about.

5. BARRY COLEMAN. Cranbrook, B.C.

✓ The stork brought Barry to Windermere in 1917. Is a hockey player of some standing, and an excellent "ham"—VESTC. Is very interested in a little blonde in Cranbrook.

6. RICHARD CONN. Calgary, Alta.

✓ This Aero "Astaire" not only knows his dance steps, but also is a good reference library. "Spud" knows every "hot spot" in town. Ask him for all the library magazines.

7. E. G. ELSON. Calgary, Alta.

✓ Scattering sunshine is this boy's chief activity. He makes the building of model aeroplanes for Christmas presents his hobby, and sets his heart on setting himself up in mink farming.

8. LLOYD FAULKNER. Coalspur, Alta.

"Pinky" was born in Mountain Park in 1915 and now lives in Coalspur. A good basketball player and a crack mechanic in the shops. His speech is as business-like as machine gun fire.

9. JAMES KEHOE. Camrose, Alta.

Is mentally and physically suited to his pastimes—boxing and softball. Likes flying and likes to think he's a good cook. Yearns to collect back wages.

10. BILL MAIN. Calgary, Alta.

The "Al Capone" of Aero 2. Is active in hockey and boxing, and occasionally breaks out in song. Can do anything to an engine when Mr. Green isn't looking.

11. EMIL MARTINOVSKY. Gerald, Sask.

Mart. blessed Gerald in 1912. Came to Tech. to love and learn. "Gypsy" soothes his harem with his violin. Is very interested in aviation and some day hopes to finish his snowmobile.

12. KENNETH MICHIE. Medicine Hat, Alta.

✓ Another "Mad Hatter", a basketball player of note, an ardent dancer and a born "scrounger." Being a ladies' man he finds solace among the Normalites. Ambition—to keep on wandering.

13. GAMALIEL MILNER. Blackfoot, Alta.

Howled at Saskatoon in 1912. Is an ex-farmer and telephone man. Is interested in dramatics. Came to Tech. to clear up a few points he was in doubt about.

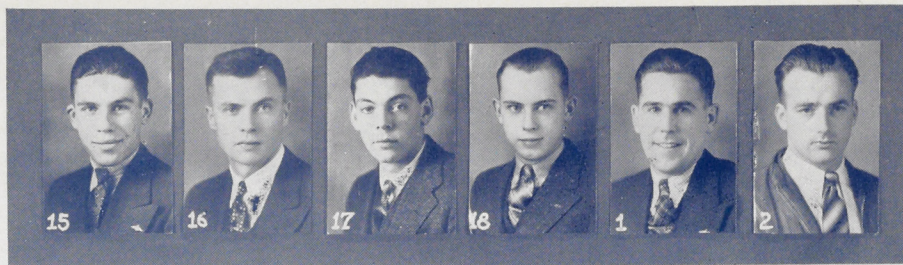
14. WELLINGTON RIGGS. Wembley, Alta.

✓ "Duke" Hay Riggs plays inter-class basketball; well-known as one of the best men in the shops—can do anything to an aeroplane or engine. Stooges—Cockle and Main.



# AERO

## II. & III.



### 15. NORMAN RING. Calgary, Alta.

Born and raised in the City of the Foothills. Hobbies include model making, dancing and arguing. Ambition—to be an aircraft designer. Chief worry—getting out of anything requiring physical exertion.

### 16. EARL SHAW. Vulcan, Alta.

Hobbies—dancing and playing chess with Milner. Ambition—to make Gerry's radio work, and to get his notes up to date.

### 17. LAUREN WILLET. Lethbridge, Alta.

This willing lad came to Calgary in '36. He abstains from the fairer sex, but likes football and softball. His ambition is to open his locker without a key.

### 18. KEITH WYLLIE. Stettler, Alta.

This mighty man of muscle prefers the fairer sex from his birthplace and delights in exhibiting them in the Aero Shop. Attempts to wrestle and trot, and hopes to manage Imperial Airways.

## Aeronautics III.

### 1. BOB DAVIDSON. Calgary, Alta.

Noted for the multiplicity of his names and diversity of his talents. Has no particular likes or dislikes, and is known as a modest, upright fellow among his colleagues.

### 2. H. R. GOOD. Rocky Mountain House, Alta.

Was late in arriving for Third Year Aeronautics, but was immediately made Assistant Advertising Manager of the Year Book. Takes an active interest in all Aero. Class activities.

## THE WORLD'S SERIES

By R. D. CONN

WHEN Julius Caesar was a kid  
And Brutus was another,  
And each imagined he possessed  
A spear that knew no brother;  
These noble Romans chose up sides  
Upon a Summer's day,  
And hurried to a corner lot  
Hard by the Appian Way.

Vincinius, out in centre field,  
Tore up the Latin loam;  
While Cassius played far out in right—  
That garden was his home.  
Marullius, the southpaw,  
That twirler tried and true,  
Struck out the mighty Caesar  
And a number of his crew.

The game was nearly ended,  
The score was three to three,  
When Caesar, sliding into third,  
Spiked Brutus on the knee.  
The game broke up, and Brutus said:  
"Some day I'll get you, kid."  
And history informs us that  
In later years he did.

## THE EDITOR'S LAMENT

By R. D. CONN

OUR prose is punk, our poems are worse,  
But 'tis no snap to make a verse,  
Nor is it soft for fun dispensers  
To get a yarn to pass the censors  
We may seem rude to many a stude,  
May they bear up with fortitude;  
We razz the staff to get a laugh,  
We hope they nobly stand the gaff.  
We hope our victims won't get sore,  
(Oh, that we had as many more!)  
And whoso'er would boulder fling,  
Let him try next year's editing.

It's not what you'd do with a million,  
If riches should e'er be your lot;  
But what are you doing at present,  
With the six-bits that you've got?

Suggestion—Go to a Tech. Dance.

Rookie—Say, look at the horrible insignia on the side of that bombing plane.

Mr. Peebles (1916)—Sh—Not so loud, that's the Squadron Commander looking out of the window.





# ART DEPARTMENT

**T**HE Art Department continues to develop year by year a still wider variety in the activities of the students. While the ground work studies, such as life drawing and perspective, have been well maintained, the diversity of artistic effort has been carried still further than in previous years. The first-year class is a friendly band of enthusiasts—perhaps the most earnest first-year yet—though they have been known to smuggle all-day suckers into the class-room, and sometimes sing such non-classics as “You Can’t Stop Me From Dreaming.” There’s a lot of talent in this group.

In the advanced classes most of the students are second-year people, with a sprinkling of third-years, as well as a number of special part-timers. Each has his or her own line of effort and the work is largely individual, though in the life-drawing periods there is concerted class work. This branch of the Department continues popular and productive of much good work. A high standard has been reached in mural painting this term; several very creditable panels having been painted, and more are planned.

Leather work has been a favoured craft, as it was last year. Ski belts had quite a run; and purses were again in demand. Our newest craft is lacquer work. A large four-panel screen is the first product of this innovation. All the craft work, we may add, embodies original designs made by the students, and in both design and execution the standard of accomplishment moves steadily upward.

Two of our students, Myrtle Jackson and James Nichol, have recently been appointed to associate membership in the Alberta Society of Artists. Since the standards of this province-wide organization are fairly exacting, these two students are to be warmly congratulated.

During the 1937-38 term the Art students have shown an excellent spirit, both in artistic endeavour and in co-operation with the members of the staff. Their assistance in the Dramatic Club was most welcome, and the decoration at the banquet showed both artistic talent and an ability to adapt art to a practical need. The Art Department is making an important contribution to art-consciousness in Alberta, and becomes every year more firmly established as the art centre of the province.

H. G. GLYDE,  
Chief Instructor.



# ART

## I.



1. **FRANCES ARCHIBALD.** Calgary, Alta.

Calls the fountain in the art corridor "The Leak in the Dike", and wonders when the Little Dutch Boy will tire. Hopes she is cut out for surgical art.

2. **HELEN BUCHAK.** Edmonton, Alta.

Helen is a friendly young lady who was born in Edmonton. She takes an active part in sports, and especially likes dancing and skiing. She wants to be an interior decorator.

3. **MARGARET CAMERON.** Calgary, Alta.

Divides her time between Tech. and W.C.C.I. Spends her mornings in Tech. developing her artistic talent; afternoons in Western, we don't know how.

4. **GEORGE CARTER.** Calgary, Alta.

"Sound Effects Carter"—the source from whence all noise in the Art Department. A showcard technocrat who voices his opinions on anything and everything.

5. **H. B. CASSAN.** Rocky Mountain House.

Our capable Tech. representative of the National Film Society was born in Peterborough, Ont. With several years of teaching experience, has now determined to become a leading art instructor in Alberta.

6. **MARGARET CASWELL.** Calgary, Alta.

Peg came to brighten the Art classes with her cheery disposition. Aims to be a commercial artist, and may her mania for climbing ladders help her to the top.

7. **MAISIE DEAN.** Calgary, Alta.

Maisie combines an avocational interest in sewing with a vocational interest in portrait work. Her sweet soprano voice would be heard more if she weren't so shy.

8. **MARGARET GLEN.** Cavendish, Alta.

Born at Empress, Marg. came in from range riding to win a scholarship and now aims to be an illustrator. Is a good sport and likes dancing.

9. **NANCY HANNAH.** Calgary, Alta.

Laughs at hard work and sticks to it with a smile. Also expresses her appreciation for Margaret's jokes. Nancy is tiny but really witty.

10. **DIXIE HOGARTH.** Morley, Alta.

An energetic young lady from the West. Ambition: to become a portrait painter. Her knowledge of Indians proves very useful in her work. Likes dancing and riding.

11. **B. A. JOHNSON.** Calgary, Alta.

Can't understand why Major Bowes fails to recognize his whistling talent. Has set his mind on becoming a commercial artist just to spite everybody.

12. **VIVIAN LAMONT.** Calgary, Alta.

A hard-working art student who finds her knowledge of horses useful in her work. A great out-door sport, spending her spare time riding the hills of Morley. Is a good dancer; a gay and sporty kid.

13. **MARION NEWMAN.** Calgary, Alta.

Marion was born at High River in 1916. Takes an active part in Dramatics, having been Assistant Director of "The Perfect Alibi" and playing a character part.

14. **FRANK PHILLIPS.** Calgary, Alta.

Very quiet sort of chap when he forgets himself. Frank is interested in sculpture and fine arts. He will be satisfied when he can do a face as well as Louis.

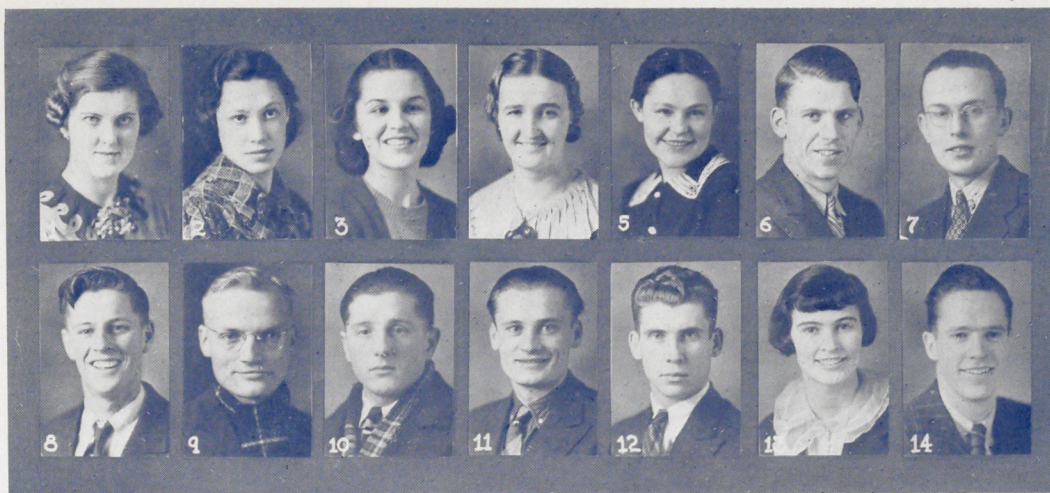
15. **I. B. SHAW.** Calgary, Alta.

Native of Calgary, he likes to draw; has even been caught drawing his breath. Noted for modelling polar bears. Also plays an active part in the lunch room.

16. **LOUIS W. VARRO.** Regina, Sask.

Here's Louis coming all the way from Regina to learn what he doesn't know about art. It won't take him very long. His modelling progress is terrific.





# ART II.

## 1. NELLIE DAFOE. Calgary, Alta.

When not studying art, Nellie spends her time strumming on her guitar or riding to and from Bowness. After mastering the intricacies of wood carving, she wants to devote her time to modelling.

## 2. DOROTHEA HALL. Calgary, Alta.

Very interested and proficient in art. Enjoys basketball, swimming and skating. Ably assists Nellie on the guitar. Favourite expression: "Oh how silly."

## 3. KAY HALL. Rosemary, Alta.

Stylist of the Art Department, Kay stylishly arrives for morning classes in time for lunch. Likes to improvise piano harmony with Bennett.

## 4. NANCY JACKSON. Calgary, Alta.

Enthusiastically artistic and likes to carry her designs out in crafts. Born in South Africa, she has travelled extensively. Chief interest in England. Acted as winter term Class Rep.

## 5. ANNE JUSYPINK. Craigmyle, Alta.

Of artistic temperament, Anne makes an excellent foil for her counterpart, Florence. Lavish in her commendation of the work of others. Modestly admits that she is here on a scholarship.

## 6. LUKE LINDOE. Coleman, Alta.

Noted for his worthy masterpiece, "The Three Bears". At the end of the fall term, he returned to the B.C. wilds to obtain funds for further study in England.

## 7. RICHARD MARRIOTT. Calgary, Alta.

He may be found at Mount Royal. Is very quiet when working, which doesn't mean he is noiseless. Is a friendly chap, even though some think that he is a tease.

## 8. DICK MATHEWS. Calgary, Alta.

Vice-President of Students' Association; Art Editor of the Year Book; Stage Manager for the Dramatic Club; fall term Class Rep.; also performed jolly well in the play. Shirks no responsibilities—official seconder of motions.

## 9. STANFORD PERROTT. Stavely, Alta.

Born at Claresholm, educated at Stavely, Stanford is patient and shy, and has a sweet disposition. Draws crazy houses, and studies piano and pipe organ. Never can make up his mind about anything.

## 10. JOHN PROCYK. Delph, Alta.

A hard worker and a great help in the Art Department. Sole ambition: to be able to draw better than the rest, to enable him to show them how it's done.

## 11. L. S. SALUK. Radway, Alta.

A power behind the scenes. Sam designs those striking play posters. Donates his talented services to decorations, music and magic at Lit. Programmes, and gives first aid to the needy.

## 12. P. W. VERIGAN. Blackie, Alta.

Left his birthplace, Canora, Sask., at a tender age, and has been on the move ever since. Graduated from Crescent Heights High and Calgary Normal Schools. Ultimate goal: magazine illustrating.

## 13. FLORENCE WALKER. Taber, Alta.

Personification of "The Brook", Florence blithely goes her artistic way about Tech. Takes special pride in her modelling, "Solitude"—the antithesis of her personality.

## 14. GORDON BENNETT. Calgary, Alta.

The most futuristic of futuristic designers. Came back to the Institute to burnish his techniques. Expects to blossom as a commercial artist in the near future.



# A BRIEF HISTORY OF THE INSTITUTE

By J. FOWLER

After the establishment of the University of Alberta in Edmonton, there arose a constantly recurring demand for the setting up of a similar institution in the City of Calgary. As a result of this agitation the College of Calgary was incorporated in 1910 and its teaching programme was initiated two years later. In 1914 the Legislature appointed a Commission to enquire into and to make recommendations regarding the status of the Calgary College.

On the recommendation of the Commission the Government decided to establish a Technical Institute in Calgary. The late Hon. J. R. Boyle, who was then Minister of Education, directed S. J. C. Miller, Director of Technical Education, to proceed with the organization of the new institution. Through the courtesy of the City Council and the Public School Board, temporary quarters were secured in the Colonel Walker School and in the East Calgary Fire Hall and Police Station. Here the Provincial Institute of Technology and Art opened its doors to the public in October, 1916. The original staff comprised the following members: Dr. J. C. Miller (Principal), Geo. R. Dolan (Vice-Principal and English), Jas. Fowler (Science and Mathematics), L. H. Bennett (Building Construction), L. E. Pearson (Art and Drafting), C. A. Mans (Motor Mechanics), the late W. A. Davidson (Mining), Miss Stewart (Secretary), Miss Davison (Correspondence Stenographer), the late Geo. Smith (Tool Clerk). On the opening day some five students were in attendance!

During the fall of 1916 there arose the problem of re-training those returned soldiers who, through disabilities incurred overseas, were unfitted to resume their former occupations, and the youthful Institute was asked to undertake this service. To such magnitude did this retraining work soon develop that civilian training had to be discontinued. In 1917 the Institute staff and equipment were transferred to the Federal pay-roll and were placed under the Department of Soldiers' Civil Re-establishment. This condition lasted until the fall of 1920, when control of the Institute was restored to the Province and civilian training was resumed. Under the direction of the late D. A. Campbell, Director of Technical Education, and J. H. Ross, Acting Principal, the work of the Institute grew by leaps and bounds.

The corner-stone of the present main building was laid by Hon. Geo. P. Smith, Minister of Education, in June, 1921, and the new buildings were ready for occupation in October, 1922. Dr. W. G. Carpenter was appointed Director of Technical Education, and Principal of the Institute, in January, 1924. His ability and enthusiasm did much to place the Institute on the educational map of the Province, so that from time to time it was found necessary to provide additional accommodation for its ever-expanding programme. In 1926 the northeast wing (garage, battery shop and welding shop) was added to the shops building, and in 1928, a comparable addition (drafting rooms, Aero. shop and "Bull Pen") was made at the west

end. The peak in enrolment was reached in 1928-29, when some 2,023 persons received instruction in day, evening, and correspondence courses. With the large enrolment at Summer School in 1937 and with the re-establishment of evening classes last October, the enrolment of 1928-29 will probably be exceeded during the present school year.

The beautification of the Institute grounds was begun in 1929 when the lawns in front of the main building were laid out. Since then the work has gone ahead steadily, if rather slowly at times. When our children's children attend the Institute they will doubtless enjoy strolling in the shade of the magnificent old trees which were planted in our time!

During the twenty-odd years of its existence the Institute has begun to establish definite traditions. Its programme of courses, characterized by a happy blending of theoretical and practical instruction, has come to be recognized as a worthwhile one, and this belief is supported by a long list of graduates who have attained success in the industrial world. The Institute strives to develop not only the skill and the intellect of its students, but also their personal qualities; honesty, reliability, initiative, and the ability to lead and to co-operate are qualities which are greatly in demand in the workaday world. The harmonious relationship that exists between our staff and our students proves that school work can be made pleasant as well as profitable. The ever-increasing demand for our graduates proves that leaders in industry feel that the Institute is turning out material which meets their requirements.

To those on the staff for whom association with the Institute has proved to be a major portion of their life-work, all these achievements are a source of intense gratification and of lasting satisfaction. Long may the Institute flourish!

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## ABOUT OUR ADVERTISERS

You may be thinking that a considerable portion of this book is devoted to advertising; and so there is, but not without reason. In the first place, this yearbook costs considerably more to turn out than you might imagine, and advertising helps to pay a large part of this cost. Otherwise the money would have to come out of the Student's Association funds, or the cost of the book would have to be doubled.

In the second place, a large number of students are from outside of Calgary, and although they have been in the city very nearly six months now, it is very doubtful whether they know of more than one or two reliable firms from which to buy with confidence. All of the advertisers in this book are merchants upon whom reliance can be placed as regards both quality of goods and price. We therefore feel that by bringing these students in contact with such firms through the "Tech. Art Record" we are doing a service, again justifying the advertising that appears in this issue. We now urge all students to patronize our advertisers, the co-operation of whom has done so much to assist in the production of this volume.





# DRESSMAKING AND MILLINERY

**T**HIS year the students enrolled in the Clothing Textile Department are very much in earnest and are working hard to get all they can out of the course. A few groans now and again are heard from students who find arithmetic difficult, but as a large percentage of the group have attained the higher grades, or finished high school, fewer complaints are heard than in previous years.

The shop this year is, perhaps, more difficult than in former years owing to the new fitted styles and draped effects. Since suits of the tailored type are fashionable, pockets and more pockets are being made. A visitor, on entering the work room, might be surprised to find dress forms padded to represent figures of large proportion. One visitor, on seeing these forms, asked if our girls were all large this year. She was informed that these forms had been built up to the size of customers who were having dresses made, and that in this way students gained experience in designing for, and fitting, outsize figures. Miss Clark was very much pleased with the work accomplished in the short period given to millinery. The girls were enthusiastic and interested, and the work done was excellent.

Much interest has been taken in the study of textiles, and new fabrics and finishes are freely discussed in the classes. To better understand the methods of manufacture and renovation of garments the students have been privileged to inspect Hatchwear Company, Ltd., and the Ontario Laundry and Dry Cleaning Plant. The demonstrations of machine methods and of the results obtained proved of great interest to the class.

As usual, the banquet was the main social function of the year. The senior girls appeared in their new evening dresses, and looked as if they might have consulted Schiaparelli, Mainbocher, Molyneux, or some other outstanding designer for advice regarding style. The class table was artistically and appropriately decorated, and from the writer's viewpoint was the best we have had.

Keen interest in Institute activities has been displayed throughout the term. For the first time in history a woman president was elected to the Students' Association in the person of Frances Hood. The President of the Basketball Team and the President of the Iota Club were also chosen from the Dressmaking Class. Others distinguished themselves by playing difficult roles in the first public performance of the organization in January.

Of the ex-students of the class a number have found employment in the textile departments of the large stores. Two others have found employment in teaching, one in a school of a well-known sewing-machine company, and one in a private school of her own. Some are employed in alteration departments, while others are engaged as helpers in tailoring and dressmaking shops. In knitting factories the girls are in demand for designing and finishing.

Girls are realizing more and more that efficiency is an important factor if one wishes promotion, and that employers are looking for character, stability, good health, education, practical experience, and a pleasant personality when examining candidates for positions.

C. E. SMITH,  
Departmental Head.



# D. & M.

## I.



1. NELDA AINSLIE. Delburne, Alta.

A first-year dressmaker who likes to go skating, when she gets the right partner. One of our future stylists, we hope.

2. JULIA BAHAN. Calgary, Alta.

Julia, the jolly first-year dressmaker, has a smile for everyone. Interested in skating and dancing. Her chief ambition is to be a milliner and design hats for stout ladies.

3. GEORGIA CUMMINGS. Bentley, Alta.

Georgia is a beautiful little blushing 'teen-age dressmaker from Bentley. Very much liked by all her friends.

4. MYRTLE CUMMINGS. Bentley, Alta.

A blonde from Bentley, on the executive of the Iota Club. She skis and plays badminton. Has the cutest smile and friends galore.

5. EVA GAY. Elnora, Alta.

Eva, who is very studious, spends her spare time writing letters to the boy back home. Is interested in handicraft and typing.

6. FERN HEMM. Calgary, Alta.

A clever first-year dressmaker. She is interested in dancing and typing. Her ambition: to get to Tech. at 8.30 a.m. Her pet saying: "I made it this morning!"

7. ALICE HETHERINGTON. Carmangay, Alta.

Alice helps a great deal in pulling down the talking average of the first-year dressmakers. Her chief ambition is to make a creation for Princess Elizabeth.

8. EILEEN HUME. East Coulee, Alta.

Eileen's chief activities are dancing and skating, but her chief interests are piano players. She likes dressmaking very much, but textiles very little.

9. EDITH JONES. Calgary, Alta.

Edith is the Educational Convenor for the Iota Club. Her secret passions are skating, dancing, and some person or persons yet unidentified.

10. JENNIE JORGENSEN. Calgary, Alta.

A cute, good-natured blonde of twenty years. Enjoys skating and dancing. Her pet ambition is to be a good cook. She spends her time answering telephone calls.

11. PHYLLIS LINWOOD. Calgary, Alta.

Phyllis is our careful dressmaker who likes riding street cars. Ambition: to be a full-fledged dressmaker. Revels in skating.

12. ESTELLE McLINTOCK. Calgary, Alta.

That small, dark girl who was Vice-President for the first term. Estelle is a lover of sports, especially skiing. Her ambition is to learn the "Big Apple."

13. MARJORIE MAUGHAN. Calgary, Alta.

Known to us as Mudge, and was Literary Chairman the first term. Mudge likes dancing, badminton, and handsome young men.

14. MARGARET MILLER. Dalemead, Alta.

Margaret is one of those strong, silent girls. She is adept in any sport, outdoor or indoor. Pet aversion—trying to get to Tech. on time. Favourite pastime—eating candy.

15. NOREEN MOORE. Sylvan Lake, Alta.

Romantic summer evenings at the summer resort which is her home gave Noreen her love for dancing. Wants to go to Africa and teach the niggers the "Big Apple."



# D. & M. I.



16. HELEN MUDIE. Calgary, Alta.

Helen is fond of sports and is the Captain of the Girls' Basketball Team. Her ambition is to travel, if and when she has the means.

17. ALICE OSEEN. Sundial, Alta.

Is renowned as the Vice-President of the Iota Club. Is interested in clubs, basketball, skating, and has an especially big smile for a dance.

18. GLADYS OSNESS. Camrose, Alta.

Smiles and dimples and blushes—that's our Gladys. Was Fall Term Treasurer; has a finger in every pie, and is interested in anything and everything—especially General Shop.

19. LAVONNE PAULSON. Standard, Alta.

A blonde, originally from Standard, now residing in Calgary. Her ambition is to be an expert dressmaker. We hope she will be.

20. FREDA QUINTON. Temple City, Alta.

A girl with an attractive personality, her pet aversion seems to be ripping seams. Freda is fond of fun and sports.

21. HELEN SCHARTNER. Sunnyslope, Alta.

Lived most of her life on a farm and enjoys the city life very much. Ambition at present—finding a hairdresser to cover frozen ears. Sports—riding and swimming.

22. ALICE SHOWALTER. Calgary, Alta.

Alice was born in Bow Island, but now calls Calgary home. She is that shy and quiet dressmaker who loves reading and sports of all kinds.

23. HELEN SHYMANSKI. Delph, Alta.

A determined seamstress who hopes some day to open a shop. Bowled a sweet second fiddle in the Symphony Orchestra.

24. DOROTHY SNIDER. Medicine Hat, Alta.

Hails from those wide-open spaces west of Medicine Hat, where she first saw daylight 19 years ago. Her pet expression—"Got your homework done, kids?"

25. MARJORIE UPPER. Elbow Valley, Alta.

Hails from Elbow Valley, west of Calgary, and first whooped 18 years ago. Mrs. Whidden's only hope. Has a weakness for cowboys. Hobbies—riding and collecting clippings.

26. GLADYS WALL. Calgary, Alta.

A nice little brunette whom we call Wally. She is very fond of skating and dancing. Pet aversion—making speeches.

27. GERALDINE WEAVER. Calgary, Alta.

Gerry first saw light in Edmonton and now lives in Calgary. Spent a year in training at the Vancouver General Hospital. We know her by her smiling face and helping hand.

28. THORA WELLMAN. Champion, Alta.

Thora Wellman, our platinum seamstress from Champion, is affectionately named "Blondie." Her chief ambition is to become a hairdresser.

29. MARGARET WILSON. Calgary Alta.

Born in 1920 and has spent all her life in Calgary. Was Second Term Secretary of the Student Council. Marg. likes nearly all sports, riding and swimming in particular.

30. ELSIE WOLLNEY. Bellevue, Alta.

They call her "Honey" because of her attraction for the boys at dances. Surprises everyone with her knowledge of German. Has an unique ambition to be financially independent.



# D. & M.

## II.



**1. FRANCES BOUNDY.** Calgary, Alta.

Was born in Calgary, and is one of our quietest, yet most jubilant, "little girls." "Wee Frankie" makes a first rate Iota President and Year Book stenographer.

**2. CLARICE CHANDLER.** Herronton, Alta.

First term Class Rep.; second term blushing Treasurer who finds it hard to look after all her money and George. Plays basketball, and hopes some day to land a good job in Calgary.

**3. JEAN FRASER.** Nelson, B.C.

This quiet miss abhors giving speeches, but has a very fluent command of the English language when collecting Iota Club dues. Good basketball player, and Oh Boy! can she dance.

**4. MURIEL FROSTE.** Calgary, Alta.

Muriel came to Calgary six years ago and seems to like it here. Her big ambition is to become a telephone operator, so she came to Tech. to learn dressmaking.

**5. BETTY HIBBARD.** Nampa, Alta.

The perfect Secretary for the fall term, and tops in everything else. She is the shooting south-paw on the basketball team, and does she know how to organize a Lit. programme!

**6. FRANCES HOOD.** Calgary, Alta.

Handles efficiently any job from Presidency of the Students' Association to Clive Staples. Uses her speech-making ability to great advantage in English Class, and to help her out of her scrapes.

**7. IRENE JACKSON.** Didsbury, Alta.

Few can surpass Irene in reliability. She manages the Girls' Basketball Team and is Athletic Convener for the Iota Club. Here's to your success, Irene!

**8. LOUISE MARKLE.** Claresholm, Alta.

Louise is the goddess of the golden hair, which is the envy of all her classmates. A mainstay at the Dressmakers' Lits. Favourite expression at 10:15—"Frances, whose lunch do we eat today?"

**9. YVONNE OUELETTE.** Pincher Creek, Alta.

Came to Tech. from Pincher Creek, but left her heart there. Remember "Susan" in "The Perfect Alibi"? Also a pianist, singer, capable Secretary-Treasurer of the Dramatic Club, and Year Book stenographer.

**10. VELMA PEARL.** Calgary, Alta.

What with being Class Rep., the silent secretary of the Banquet Committee, and a dashing forward on the basketball team, Velma has little time for mischief.

**11. BARBARA PRIGGE.** Beaver Mines, Alta.

Industrious as a beaver in sports and dramatics, Billy showed her talent as "Mrs. Fluffyface" in "The Perfect Alibi." Takes "the cake" for talking and laughing.

**12. VERNA ROSE.** Calgary, Alta.

Engrossed in Dramatics. Was Miss Jane West in "The Perfect Alibi" and still uses the line "Sha-a-all we tell him?" Not sure whether she has told him or not yet.

**13. LENA WYNNCHUK.** Royal Park, Alta.

Is a graduate of Olds School of Agriculture and took Dressmaking I' in 1935-36. Her hobbies are reading and growing flowers. Specializes in interior decorating.

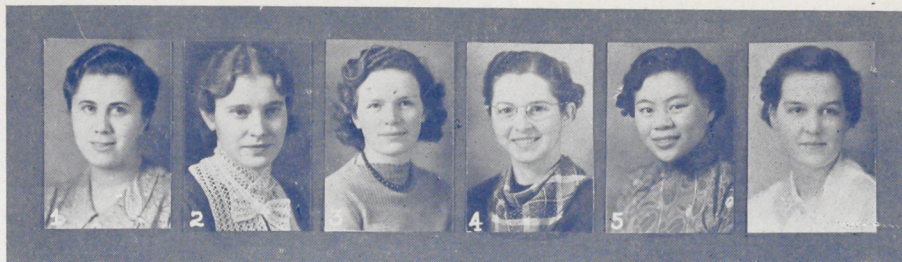
**14. MARY WIHNNAN.** Lundbreck, Alta.

Her ambition is to get a job after she is finished here. Can still blush beautifully. Her hobbies are dancing and small scale dressmaking (dressing dolls to you).

**15. CLARICE SCARPINO.** Calgary, Alta.

Still hopes to become a great designer, poor dear. Hobbies are: crooning to her friends, and collecting fashion scrap-books.





D. & M.

(SPECIAL)

1. ALBERTA HANNAM. Calgary, Alta.

Alberta is a very pleasant girl, always willing to lend a helping hand. She has been, for two years, pianist for the Tech. Orchestra. Will become a fine artist with a little more practice.

3. DOROTHY MITCHELL. Calgary, Alta.

Born in a hospital. Takes both Art and Dressmaking. This is her third year here, so she must like it. She rides, plays golf, toboggans and skates all in season.

ALICE QUON. Calgary, Alta.

Born in Victoria, B.C., but now resides in Calgary. Fond of all athletics, she is member of the Tech. Basketball Team. She has high hopes of becoming a famous dressmaker.

2. VELMA LEACH. Calgary, Alta.

This petite little miss has a smile and a cheerful word for everyone. Cute, isn't she! Sorry, boys, she's already spoken for.

4. LAURA PIERCE. Calgary, Alta.

Born in Jamestown, New York, but now lives in our fair city, Calgary. Laura is a special student and her ambition is designing needlework.

6. GRACE DAWSON. Calgary, Alta.

This young lady with the sunny disposition has always resided in Calgary. Is fond of singing and dancing. Plays Angela in the play "To Have the Honour."

## A DRESSMAKER IN DISTRESS

By CLARICE SCARPINO

"Oh brains, where art thy waves?" I design a dress, a beautiful thing, and put it in my book. I strut around the room, showing it to everyone. My! how proud I feel! But only for a short while—till Schiaparelli, Molyneux or Maibocher throw cold water on my illusion. There, in that dashed "Vogue", staring me right in the face, is my design with the inscription, "A Schiaparelli gift of loveliness to the world." Oh dear, is there no law against copying my ideas? That is only one of the miseries in the life of a dressmaker.

Then comes drafting. You work and slave, and what happens? The Instructor tells you to do it all over again; it's all wrong. He says: "Did you leave your brains at home, or do you think it's funny to annoy me?"

That isn't enough, for after working with a pencil and a square for two out of the three afternoon hours, you must rush to your other class to learn something about keeping books, or speaking correctly. Merchandise, debit—cash, credit—what colour shall I select for my suit? Statement of losses and gains—I wonder if Dad will get angry at the bill I sent him last night?

Then, on Monday afternoon, Spelling—loquacious—l-o-q-u—Gee, I wonder if my lining will fit that customer? Im sure I took those shoulder heights right—O well! Where was I? Oh yes! a-c-i-o-u-s.

And when we must finish a garment in a certain time, how we hurry during the last few days; but no matter how tired we are no one sympathizes with us. They only tell us that we are slow and clumsy with our fingers. I ask you, is that justice?

That is a side of a dressmaker's life you hear little about, but when THE heart-throb says, "My dear, you look stunning tonight, you couldn't have bought it here," all the misery and struggles are forgotten as you blush deeply and sigh, "I made it myself; I'm so glad you like it."

## FABLE

Two people sat in lamplight by a window  
To watch the legions of the darkness pass,  
One viewed the beauty of the night; the other  
Saw only his reflection in the glass.

Williamson—Could I try on that suit in the window?  
Clerk—We'd much rather you used the dressing room.



# IOTA CLUB



1. Miss Smith, Hon. Pres.; 2. Margaret Wilson, Secretary; 3. Alice Oseen, Vice-President;  
4. Frances Boundy, President; 5. Jean Fraser, Treasurer; 6. Miss Jorgens, Staff Rep.

**T**HE Scellum Scookum (Good Friends) Club, which was first organized in 1930, is the foundation of our present Iota Club. By 1934, this girls' association had progressed rapidly and boasted of the new name—Iota.

This year the Iota members have enthusiastically supported many varied programmes. Following our Organization Tea, Mrs. J. K. Penley spoke on Ballroom Etiquette and on the Technique of Modelling, followed by a social evening.

A toboggan party, which caused great excitement and thrills as well as some tumbles, was held on November 22nd. The Candy Sale of December 15th was very successful, the profits being donated to the Red Cross, Wood's Home, Salvation Army, and Sunshine. A skating party of the members and friends was followed by a dance in the Assembly Hall, refreshments then being served.

On January 10th the girls enjoyed an instructive tour of the Albertan Publishing Company. Miss Brockbank was the guest speaker of January 30th. She demonstrated the Harper Method of beauty culture.

On March 7th the girls put on a programme for the crippled children of the Junior Red Cross Hospital, all joining afterward in games and refreshments at Miss Smith's apartment.

The Club members wish to express their appreciation of the efforts of the Staff Representatives, Miss Smith, who was made Honorary President, and Miss Jorgens.

Convenors for the year were:

Social—Velma Pearn.

Athletic—Irene Jackson.

Educational—Edith Jones.

Plans for the future include a dance and banquet for the members and their friends on March 21st, and a proposed visit to the Wood's Home.

## THE LAMENT OF AN ART STUDENT

By M. CASWELL

It seems that even the Art Students—those underdone and over-privileged denizens of the third floor—can find something to kick about. May I beg to differ if you think our bed is all of roses. What do you know of home compositions—of Thursday evenings spent in deep concentration or equally deep despair? Evenings when, if we are lucky, a something—perhaps we ourselves don't quite know what—takes shape beneath our scurrying pencils. Next morning (if we don't forget) we wrap it up and carry it tenderly to Tech. It may not look much, even to us, but we hope Mr. Glyde may see in it the signs of latent genius that may some day take us to fame and fortune.

But alas and alack-a-day! With a few terse remarks Mr. Glyde tears our fond hopes asunder. Did we really draw that unfortunate individual sprouting out of another's head? And that rather unusual extra limb that we had thought was quite obviously attached to another chap? What a regrettable situation if the edged of the picture this fellow's foot is resting on so comfortably should suddenly give way. Then there is that person over there so obligingly propping up the wall—if he should ever get tired—! Well, yes, the perspective of those steps is a little out and we probably would find it rather a back-breaking job looking out of windows no higher than these. And—but gosh, Mr. Glyde, surely you can find something in the picture to commend us on. What?—Oh well, we did get that line along there pretty straight—but then, what else are rulers for anyway?

## TIME

By R. D. CONN

Time flies by like a stone from a sling,  
Faster than any bird on the wing;  
It passes quicker than ray of light  
That vanishes suddenly from our sight.

Round and round the world it goes,  
O'er lands of blossom and land of snows,  
And to acres fertile and acres stark  
It brings the daylight and the lark.





# ELECTRICAL DEPARTMENT

**“W**HEN better electricians are produced, the Institute will produce them.” This has been an axiom since the inception of the class sixteen years ago, long before the advent of the Artists, the Aeros., the Dressmakers and the General Shopites.

The class for '38 is well supporting the traditions of the past. It is true that, for the first time in years, the Electricians failed to carry the slate of officers of the Students' Association for the opening term. They gracefully retired before a battery of skirted legislators, as man has done from the childhood of time, and will probably continue to do unto the end. It was, perhaps, as well, as the shop work has been much heavier than in any previous year, both in respect to quantity and complexity. The jobs already completed have run into the second hundred, ranging from multi-horsepower machines to the one microbe-power motor of the electric razor. It is to the joint credit of Mr. Nelson and his boys that these appliances are successfully turning the wheels of industry and shaving the chins of the people.

Mr. Browning and his crew of second-year Steinmetzs have kept the electrical equipment of the Institute functioning. This is no small job, as it includes over 60 miles of wire, 50 motors, 10 generators, 30 heaters, 600 lights, ventilation, projection, air conditioning, electric clocks, bells, batteries, buzzers, saws, sewing machines and synchroscopes.

The Radio Group, under the able guidance of Mr. Fleming, has also made itself heard. By the co-operation of its members the whispers of the dainty lady secretaries of the Students'

Association have been amplified until their swelling cadence has penetrated the remotest corners of the Assembly Hall. And now the short-wave transmitter built by these “Sound engineers” is ready to carry the voice of the Institute to the uttermost corners of the earth.

From past students reports have drifted in from many lands which should encourage those who are about to leave us. One reports that he is figuring on a \$10,000 installation; another has just returned from completing work for a Canadian company in San Salvador; a third is working on the electrification of the Hudson Railway. Two have been installing hydro-electric equipment in France, and three others are working on the hydro plant at Island Falls. These are only a few; but wheresoever there are wires, wheresoever the current hisses and cracks on the “high line”—in the jungle or in the driving blizzard of the North—there you will find the electricians of the Tech. working in safety belts or with meters, with “heaky” or tee-square, installing or maintaining the sinews of civilization.

In student activities, such as the banquet, athletics, dramatics and dances, the Electrical students either co-operate or lead. In the years to come, when the boys now with us have joined the thousands who have passed on and who are scattered from the Arctic to Panama, they may well take pride in saying, “I belong to the Tech. Electric Class of '38.”

F. N. RHODES,  
Chief Instructor.



# ELECTRIC

I.



1. **I. N. MacLEAN.** North Vancouver, B.C.  
Born at North Vancouver, 1916. Spends summers digging for gold, and flying about the northern part of the province. Wonders why B.C. has a monopoly on those pretty young things.

2. **NORMAN MacMILLAN.** Calgary, Alta.  
Activities: Circulation Manager for Year Book, Fall Term Class Rep., Chemistry Club. Hobbies—amateur station VE4QH. Has no pet aversions; is willing to try anything once. Favourite saying: "Boogie! Boogie!"

3. **T. MASSING.** Ponoka, Alta.  
Pronounced incurable at Ponoka and committed to Tech. Helps to make the orchestra worthy of "Symphony." Is hatching a plot whereby he can marry the landlord's daughter and stop paying board.

4. **R. T. MINIFIE.** Calgary, Alta.  
Born in Plymouth, England, in 1921 and is the gentleman of the Electric Class. Ambition—to graduate from pee-wee hockey. Favourite saying—"Hey, Muck! What time is it?"

5. **ROBERT MOORE.** Three Hills, Alta.  
A graduate of the Olds School of Agriculture. Bob's chief ambition is to break the world's pole vaulting record. Makes amateur radio his hobby, and shows interest in all sports.

6. **A. W. MORRIS.** Calgary, Alta.  
Operates amateur station VE4ZZ and hopes to own a commercial broadcasting station. Active Year Book Circulation Agent, and attends the Chemistry Club. Often heard to fervently mutter, "Oh Shucks!"

7. **R. A. McCUNE.** Red Deer, Alta.  
Plays an outstanding game for the Electric Hockey Team. Has taken a course in Diesel, and now wants to perfect the Diesel ignition system. Chief interest is in hockey games.

8. **J. W. McKAY.** Calgary, Alta.  
This tall, handsome boy would like to catch Moore out with a girl. Learned how to speak as President of East Calgary Y.P.A. Is a cracker-jack with spit-balls and an elastic.

9. **L. G. NELSON.** Lethbridge, Alta.  
Efficiently demonstrates on the class hockey team how a goalie's position is played in Lethbridge. Has an inordinate desire to be tall enough to hang up his own clothes.

10. **P. C. PAULSON.** Calgary, Alta.  
Drifted here from Sunny Southern Alberta so that the moustache he is trying to grow won't become bleached before he returns. Frightens the ladies away with his rendition of "Sweet Adeline."

11. **HOWARD PETERSEN.** Bluesky, Alta.  
Howard travelled some distance to learn to be an electrical engineer. Delightedly gurgles "Hot stuff" when he gets a shock. Embarrasses the Indians when he snowshoes and hunts.

12. **HERBERT POILE.** Calgary, Alta.  
Nick-named "His Master's Voice" because of the way he sits and wonders why his radio howls. Finds that ambition, application to work, and ladies are incompatible.

13. **V. L. RIMBEY.** Rimbey, Alta.  
Intends to tell his grandchildren that Rimbey was named after him. Holds a Diesel engineering diploma, and wants to be a power house engineer. Success will undoubtedly reward his efforts.

14. **J. T. SARGENT.** Calgary, Alta.  
Hopes to make the name "Sargent" surpass "Edison" in electrical fame. Lives in constant fear that his favourite expression "Scram moocher" will greet Mr. Nelson, looking over his shoulder in shop.

15. **J. R. SMITH.** Calgary, Alta.  
Smitty scrapes fiddle strings in the Tech. Orchestra. Is controlling shareholder on a model railway, and some day hopes to be an engineer on an electrified division of a real railway.

16. **M. F. SMITH.** Fairview, Alta.  
Activities: playing a bruising defence game on the class hockey team, and attempting to grow a moustache like Mr. Rhodes. Favourite saying: "Boy, I'm going to get her autograph."





# ELECTRIC

## I.

17. **BILL SNAPE.** Bassano, Alta.

Smilingly responds to cries for more accordin solos at the Lits. Wears himself out looking for brown-eyed blondes at the Tech. dances. Jack of all sports, Bill is captain of the class hockey team.

18. **C. A. SORTOME.** Kimberley, B.C.

Hopes to shine as brightly as an electrician as he does as a hockey star. After overcoming his initial shyness, he regales one with stories.

19. **J. K. STURROCK.** Calgary, Alta.

Has the radio "hams" of Calgary up in arms when he experiments with electricity. Is trying to find a formula for the Golden Rule. Favours abolition of oral English.

20. **J. R. TAIT.** Calgary, Alta.

Champions his class in the dashing manner of all good hockey players. In his spare moments he gives radio the occasional thought. His ambition is to catch that early morning street car.

21. **W. R. TIMS.** Abbotsford, B.C.

Wants to be a television engineer so he can make faces at radio crooners, whom he heartily detests. Divides his spare time between badminton, skating, swimming, softball and soccer.

22. **C. W. TRIMBLE.** Calgary, Alta.

This 20-year-old resident of Calgary hopes to pull down \$10,000 a year as an electrical engineer. Favourite sports are skiing and swimming.

23. **GEORGE TYLER.** Calgary, Alta.

George is keenly interested in hockey and in emulating Clark Gable. Has frequent reason to say, "That's wrong, Sarge", and is husky enough to back up his opinion.

24. **G. A. WATKINS.** Foothills, Alta.

Was disappointed to learn that being Secretary of the Chem. Club didn't mean more stamps for his collection. Wants to be an electrician and spark violently among the girls.

25. **E. YAKUNIN.** Calgary, Alta.

If ambition counts for anything, we have a second Steinmetz in our midst. Alleged hockey player for the Calgary Cougars. Loud cries of "Hush!" greet his favourite saying in Electric Shop.

26. **JOSEPH ADAMS.** Lougheed, Alta.

Jovial Joe has a way with him. Hunting is his favourite sport. He is always going like sixty.

27. **HANS ANDERSON** Raymond, Alta.

Hans hath that lean and hungry look. Hopes to become chief water boy for Raymond Aquatic Club. Knits in his spare time, laughs readily, and teases the dressmakers.

28. **A. BERG.** Calgary, Alta.

Will some day be an engineer of the highest order. Is a born lady-killer, but does not know it yet. A good sport, fond of the out-doors, and deeply interested in social science.

29. **R. C. BENNETT.** Magrath, Alta.

Benny's extra-curricular activities are welding and housekeeping. Likes his work, but thinks alarm clocks and street cars are abominations. Music and dancing soothe his restless spirit.

30. **E. BROOKS.** Fort St. John, B.C.

A nineteen-year-old bundle of softball and hockey energy. Is vitally interested in second floor electrical problems. Hopes they install electric sewing machines, and never teach electricity to dressmakers.



# ELECTRIC

## I.



31. A. J. BURGE. Barnwell, Alta.

Art is working on an electric sock-darning machine. Is very serious about his work, but grows wistful as he says, "Isn't a good meal the nicest thing?"

32. A. M. CARD. Calgary, Alta.

As you can see, Card is a handsome chap, who makes the girls' hearts go flippity-flop. He is a genius at music, and his art is a joy to behold.

33. P. J. CHASE. Calgary, Alta.

Pete brought the depression to Calgary from England in 1929. Pete and Coad work together in the shop. Gordon supplies the brain, Pete the brawn.

34. G. COAD. Calgary, Alta.

Gordie decided, last July, that Youngstown afforded insufficient scope for his talent, so moved to Calgary. Wonders how "Premier Coad" would sound. Wants to own three or four new cars.

35. J. F. COOPER. Medicine Hat, Alta.

Wants to be foreman of a C.P.R. B. and B. gang. Is preparing for it by wrestling and hockey. When annoyed he says, warningly, "Now, Now!"

36. E. J. ECHLIN. Olds, Alta.

This is the boy who tops the class in Math., nets the shots in hockey, and works his fingers to the bone in shops.

37. EINAR FARVOLDEN. Calgary, Alta.

Ten years ago Einar took a jump at Telmark, Norway, and landed in Alberta shortly after. Owns a homestead, runs steam engines, and likes out-door sports. Is a convenient radio reference library.

38. EDWARD FILIPENKO. Stettler, Alta.

Eddy, alias Tony, spends his spare time at a well-known rendezvous on Tenth Street, along with his two pals, Clive and George. What is the attraction, boys?

39. ROMAN FILIPKOWSKI. Vermilion, Alta.

Has been through high school, and managed a year at the Vermilion School of Agriculture. He is active in the Symphony Orchestra, and is keenly interested in radio.

40. WILLIAM FINDLAY. Red Deer, Alta.

Bill is here to learn something, but has come to the conclusion that it isn't electricity. His one ambition is to find a girl who will teach him to dance.

41. LLOYD GOACHER. Shepard, Alta.

The mystery in Lloyd's life lies at Shepard. This explains his indulgence in his favourite pastime—walking. Well, who knows?

42. ALBERT GORR. Acme, Alta.

Albert is a born electrician. He has an innocent smile, with which he tries to entrance his instructor.

43. R. M. HALL. Calgary, Alta.

R. M. H. is so interested in his work that he favours the adoption of the six-day week. Says his greatest ambition is to own a Nash, Ambassador Six.

44. H. HANNA. Trochu, Alta.

Is so interested in sports that he has almost forgotten he is at Tech. Boyhood ambition: to turn cartwheels under "The Big Tent."





# ELECTRIC

## I.

45. R. E. HILLER. Sedgewick, Alta.

Roland is a friendly fellow, with a searching eye, and a big grin. Made a regular politician's election speech.

46. BRYANT JENSEN. Raymond, Alta.

A blond from Raymond, with a far-away look in his eyes. We thought it might be in Raymond, but we were mistaken.

47. C. R. JOHNSON. Manville, Alta.

This handsome hardware man, whose hobbies are driving, wrestling and bowling, should be a ladies' ideal. For further reference, try the Vermillion Agricultural School.

48. E. G. JOHNSON. Strome, Alta.

One of Tech's strong and silent men. His chief ambition is to digest "Ainsley." A hockey player.

49. H. S. KATHRENS. Calgary, Alta.

Has a good disappearing act—from classes. Pet aversion—alarm clocks. His favourite expression is, "How am I supposed to know?"

50. T. D. LAYCOCK. Calgary, Alta.

Alias "Farmer", indicating his past life. An enterprising lad. His aim is to be like Edison. His aversion—girls.

51. NEIL LINDSAY. Banff, Alta.

"Rosie"—that shy little lady from Banff—proved his popularity as instructor of the Wrestling Class. His cheery "Dear Mother" is frequently heard even around the office. We live and learn.

52. W. R. LINDSAY. Delia, Alta.

A seventeen-year-old, with a most innocent smile, who is still interested in work. Hopes some day to be a radio announcer.

53. DONALD LINEHAM. Okotoks, Alta.

Class Rep. Interested in boxing and hockey. Favourite expression: "Oh heck! What did I do now!" You ought to know, Don!

54. W. M. LITTLEJOHN. Calgary, Alta.

Radio service man at the Hudson's Bay. Favourite saying: "Boy, is she a honey!" Take it slow, girls, he doesn't like blonds.

Mr. Rhodes—You missed the class yesterday didn't you, Staples.

Staples—Not at all sir, not at all.

Farnalls—Bring some ginger ale.  
Waiter—Pale?

Farnalls—No, just a glassful.

## HUSH

A pupil was asked to write a story of Alfred the Great, but not to make too much about burning the cakes. He wrote a pretty good story and ended it thus:

"There's another incident about Alfred when he visited a house where lived a certain woman, but the less said about that the better."



# ELECTRIC

## II.



**1. EDDIE ARNOLD.** Nanton, Alta.

Born at Lethbridge in 1915. Operates station VE4AKL in his spare time (10 p.m. to 2 a.m.). Is a good cook and a congenial companion. Ambition—to take code at one hundred words a minute.

**2. GORDON BREAKENRIDGE.** Calgary, Alta.

Gordie first raised a howl in Vidora, Sask., twenty years ago. His interests are in sports and radio, but not in the weaker sex. Chief ambition is to understand wattless current.

**3. DAVE BROWN.** Loverna, Sask.

Born in Loverna, 1913, and still wonders why. A past-master at reading teacups, amusing blondes and brunettes, and sports. He specializes in hockey and baseball. Ambition—to become an A-1 electrician.

**4. BILL BURKHOLDER.** Bowden, Alta.

"Bouncing Bill" was born at Penticton, B.C., and is still on the rebound. Bill is one of Tech's most industrious and well-liked students. Excels in playing practical jokes on McKinley.

**5. GRANT CAHOON.** Leavitt, Alta.

Born at Leavitt in 1917. Matriculated at Cardston. Is a good all-round sport, and holds down a prominent position on the basketball team. Sports convener for winter term. Seen at all Tech. activities.

**6. LLOYD ERICKSON.** Irma, Alta.

Born at Irma in 1916, this staid, well-liked gentleman made no mistake in coming to Tech. Chief interests—playing trumpet in orchestra and skating. Behaves seven days per week.

**7. JOHN FARNALLS.** Halkirk, Alta.

He used to be a farmer,  
But came to I.T.A.  
He's chairman of the Chem. Club,  
And likes brunettes, they say.

**8. TOMMY FORMAN.** Calgary, Alta.

Educated at Crescent Heights, he is the youngest in E2A. Enjoys speech-making and chess. Operates Radio Station VE4AHH, and aspires to become a radio engineer.

**9. BILL GILES.** Marwayne, Alta.

"Big Bill" originated at Edberg, Alberta, in 1917. Spends much of his time on hockey and tennis. He likes to delve into the mysteries of mechanics and radio.

**10. PAT HENDERSON.** Lethbridge, Alta.

Pat was born in Lethbridge. Though he is very studious and industrious, he also shows some interest in nurses. His ambition is to build a power plant to compete with the Calgary Power Company.

**11. RONNY HIXT.** Beiseker, Alta.

Ronny was born in Calgary; took his high school at Beiseker, and returned to revolutionize electricity. His main interests are the Tech. Orchestra, hockey and softball.

**12. A. H. HOPKINS.** Calgary, Alta.

"Hoppy" was born at Veteran, Alta., in 1920. Putters around with photography and fishing; has bachelor ambitions, and hopes some day to own a few electrical shops.

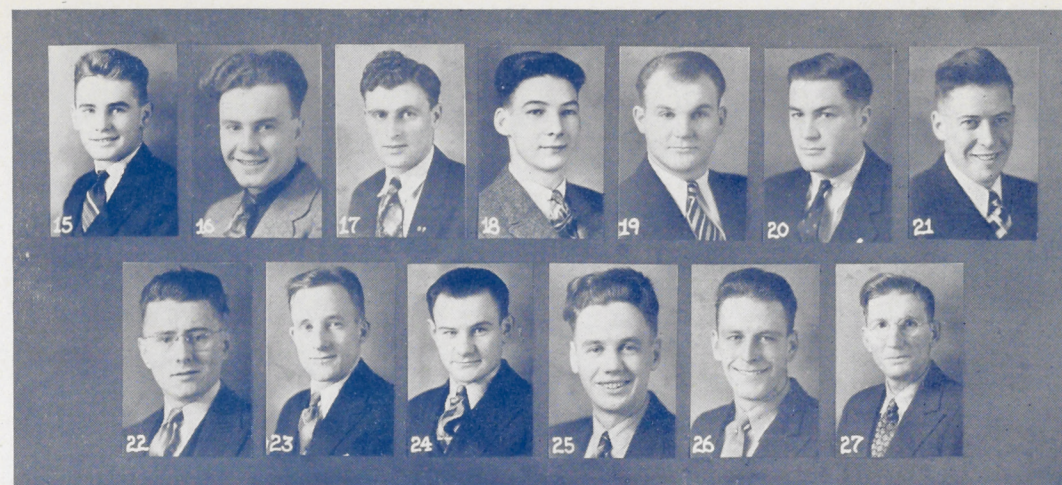
**13. LESLIE HUGHES.** Mayerthorpe, Alta.

Leslie was born in Edmonton, 1917. Tells fish stories to Si, and thinks he wants to be an electrician. His chief interests are motor-cycling, dancing, snooker and red-heads.

**14. MELVIN JULSON.** Delia, Alta.

Melvin was born in Delia, came to the Institute in 1936, and managed the hockey team this year. Believes that a live-wire girl is seldom insulated.





# ELECTRIC

## II.

### 15. BOB KELLY.

Calgary, Alta.

When Bob howled his way into Calgary they put gloves on him to keep his thumb out of his mouth. Ever since he's made his chief interest boxing.

### 16. GEORGE KITCHEN.

Redcliff, Alta.

Plays a leading role in Tech. activities, being Social Chairman for the winter term and organizer of Electric Lits. Pairs up with Staples.

### 17. ALBERT KOLAF.

Goldburg, Sask.

Born in the United States twenty-six years ago. He is now a tall, pleasant, likeable chap. A strong supporter of the Electric hockey and softball teams.

### 18. JACK LEARMONTH.

Redcliff, Alta.

Jack was born and raised at Redcliff. Hobby—Tech. dances, but not literary programmes. Has learned that the dimmer the porch light, the greater the scandal power.

### 19. BEN LUST.

Medicine Hat, Alta.

Born at Medicine Hat, where he worked in the potteries for several years, but took such an interest in electricity that he came to Tech. Ambition—to blacken Kelly's other eye.

### 20. RONALD MACKAY.

Medicine Hat, Alta.

Ron attended public and high school in the 'Hat where he was born in 1916. Served successfully during fall term as Athletic Chairman. Is an ardent hockey fan.

### 21. BAXTER McKINLEY.

Medicine Hat, Alta.

Born at Wisdom, Alta., as his studious nature bears witness. An enthusiastic sport fan, he keeps a cheerful outlook on life and a sharp one on a certain blonde.

### 22. DUNCAN McKINNON.

Med. Hat, Alta.

Was born in the 'Hat in 1916, where he attended high school. Favourite expression—"Anybody seen Browning?" Quiet and good-humoured, he is an all-round good fellow.

### 23. HENRY NESS.

Calgary, Alta.

Henry honoured Banff back in 1909 with his first howl—and is now a howling good fellow at Tech. Hobby—photography. Ambition—to manage a chain of electrical stores.

### 24. STEVE PUCHALIK.

Coronada, Alta.

After two years Machine Shop, and two years Electric, we wonder what to predict next for Steve. He is a square shooter, willing and able to do his best.

### 25. CLIVE STAPLES.

Stettler, Alta.

Born in Calgary, 1913. His favourite sports are skiing and hunting. Is mathematically inclined, but we still wonder why he was so interested in the "Business meetings" of the fall term.

### 26. BILL WILSON.

Canmore, Alta.

A former Hattite, Bill took the spot at Tech. for his singing. Seen running the spotlight and check room at all Tech. dances. His great ambition is to earn his living musically.

### 27. ROY ZIPSE.

Maxwell, Kansas.

Migrated north in his early years, but retained all his southern humour. Principal interests—Dramatic Club, and plying Mr. Young with questions. Ambition—to become chief engineer in a power house.



# ELECTRIC

## II.

(RADIO)



1. E. L. BOUCHER.

Calgary, Alta.

Born in Calgary, he is a quiet, good-natured fellow, with a pleasing personality. Skating with girls, and chess are his favourite pastimes. His ambition is to become a radio technician.

2. W. W. BULLOCK.

Taber, Alta.

A cheerful chap with a mania for springing practical jokes on his classmates. Chief occupation—to make his short-wave transmitter work better than it should. Operates ham station VE4A1K.

3. I. T. CORAM.

Calgary, Alta.

Source of local QRM since 1918. Live-wire Class Rep. known as "the man with a million friends". Hopes to be a radio amateur soon. Ambition—to be a radio development engineer.

4. C. K. CUMMINGS.

Bentley, Alta.

Born near Bentley to the tune of howling coyotes. Is now trying to imitate them in the Radio shop, but is also one of E2's star hockey players. Aspiration—director of CBC.

5. R. B. DeMOTT.

Delia, Alta.

Is a very shy boy, but surely knows his stuff. Radio is his specialty, but he likes good music, and is very fond of the lack of work.

6. P. DOFOO.

Calgary, Alta.

Born in Calgary, 1913, has been here since. Ambition—radio technician. Hobby—amateur radio. Reading matter—radio. A man of few words—just a radio man.

7. A. J. EARLE.

Acme, Alta.

Born June 8, 1919, he is one of E2's chief standbys in hockey and softball. Interested in "ham" radio and skating. Ambition: to overcome a woman-hating attitude formed in public school.

8. H. D. GRIMSRUD.

Wembley, Alta.

"Ole" was born in Fairdale, N.D., and came to Alberta about 12 years ago. Operates his private amateur station VE4AID. A likeable fellow who will travel far in his vocation.

9. H. H. LUNN.

Port Moody, B.C.

Born at Fernie, B.C., in 1914, he took schooling at Stockholm, Sweden, and Vancouver. Always on the go, never to be found in the same place twice. Operates "ham" radio station VESAAS.

10. DOUGLAS WEBER.

Calgary, Alta.

A blonde youth from Didsbury who left us early in the second term for a position with a leading electrical supply house. Doug. hopes to become a high-pressure salesman.

11. R. D. WILSON.

Calgary, Alta.

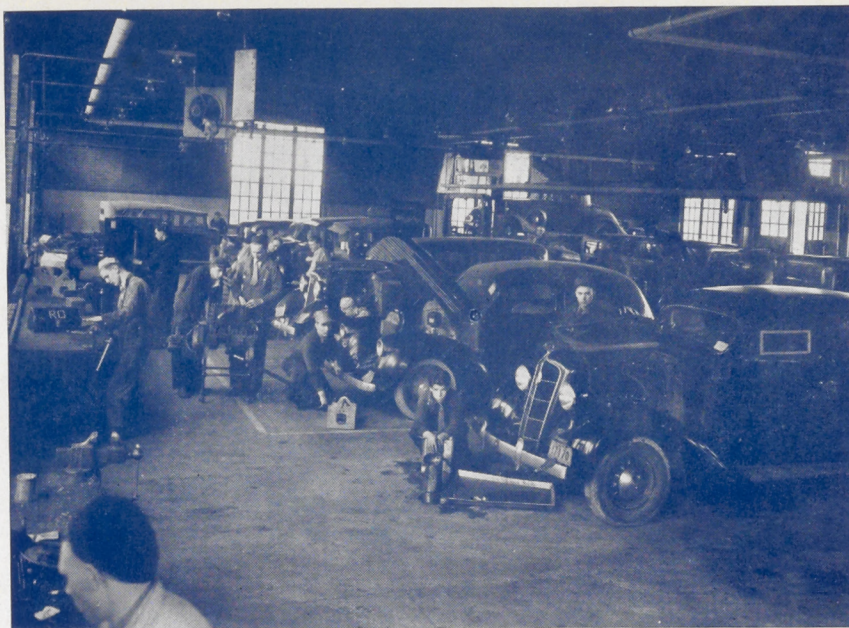
Born in Calgary in 1917. Hobbies—basketball and hockey. Likes radio, and would make a good electrician if he weren't so smart in Maths. Ambition—to become a projectionist.

12. KENNETH GRAY.

Kitscoty, Alta.

Kenny came to Tech. to see what makes a radio talk. He works in a garage in his home town. Is a good sport and destined to be another Marconi.





# MOTOR

**T**HE year 1937-38 has been a very satisfactory one, with a good number of students in each group, all displaying a serious attitude of mind, as should be the case in young men of 22 years of age. (The average for the Institute).

Several new pieces have been added to the equipment of the Department, including a cylinder honing outfit, a vacuum cleaning machine with additional attachments for cleaning car interiors, a motor polishing outfit, a solder spray gun, a pneumatic body hammer, a tire vulcanizing unit and a unit grease dispenser. These, added to our already excellent equipment, which includes a Van Norman cyl. boring bar, go a long way to keep the equipment up-to-date in an industry which is ever changing. The cars brought in for repair range from one or two of 1927 up to and including a number of 1937 vintage.

Later models have generally required fender and body repairs; at least one of the 1937 cars, however, had new pistons installed. The work changes from year to year as conditions in the trade change. This year we have had a considerably larger volume of body and fender work, and painting. This is in line with the policy of the Department, and is justified by the large number of openings for those trained along this line. It is rather interesting to note that a number of students have secured employment in industry this year in body and fender work. More will doubtless follow.

Conditions in the trade of motor mechanics have improved greatly in recent years. Legislation provides for a minimum wage. The Workmen's Proficiency Act requires that persons employed in several industries be certificated. Time spent at

an approved Institute of Technology may, if the course is completed, count as two years towards the time required for mechanic's certificate of proficiency.

The Act Respecting Garagemen's Liens, recently passed, gives protection to garage men in respect to the collection of bills for repair work. This Act will go a long way to smooth out some of the garage operators' business worries.

I feel very optimistic for the graduating group. Nearly every large garage in the province has on its staff some of our graduates. Many of the past students have gone up to positions of responsibility or have gone into business for themselves. The ex-students I have in mind include: the western manager of "Motor", an International Magazine Company's publication; a mechanical engineer; a manager of an automobile distributor parts department; a number of stockmen and record clerks with one of the leading manufacturers of cars and trucks; several as battery and ignition specialists; a number of machinists and welders; some fitters with the Ordnance Corps and R.C.A.S.C. This list is only partially representative, but space does not allow of a more comprehensive one. Students within the Department, and those who will be graduating this year, may be assured of some opportunities either in filling replacement requirements or as new positions are created.

May Success Attend You!

Perseverance and Precision will assure you Progress.

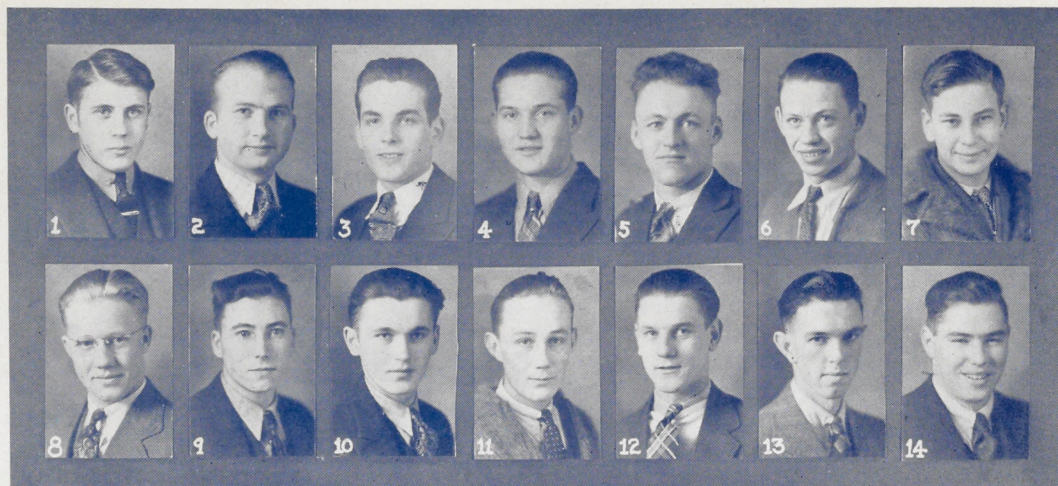
Good luck, Boys!

C. A. CHOATE,  
Chief Instructor.



# MOTOR

## I.



1. P. F. BELWAY.

Calgary, Alta.

Spent most of his life on the family farm west of Calgary, but lived in the United States for two years. Looks at every nice blond. Favourite saying: "So what!"

2. B. CAPLAN.

Calgary, Alta.

Born in Calgary. Graduated from East Calgary High School with honours. Favourite subject is Math. Is camera shy and hopes to be a mathematician.

3. J. BLIGHT.

Calgary, Alta.

A tallish fellow named Blight; he's always willing to fight; he galls all his pals by stealing their gals; some say his head ain't quite right.

4. F. T. BOIDA.

Morecombe, Alta.

To heal a broken heart after being turned down by the R.C.M.P., came to Tech. to learn motor mechanics. His ambition is to become an expert baseball pitcher.

5. E. J. BONERTZ.

Pincher Creek, Alta.

Ambition changed his activities from farming and punching cows to training to become a master mechanic. Pet aversion is slinging hash for his room-mates. Favourite saying: "Dag-nab-it-anyway."

6. D. K. BUCHNER.

Calgary, Alta.

Works in a garage between loafs (not loaves). Hobbies: swimming and entertaining Normalites. Pet aversion—a snipe who steals a girl friend.

7. F. N. BULLAS.

Calgary, Alta.

Landed in Calgary some 17 years ago, attended Western Canada High, then came to Tech. His favourite sports are lacrosse, hockey and baseball.

8. V. C. BULLOCK.

Barnwell, Alta.

Born in Taber, Alberta, then moved to Barnwell, where he obtained his education. Ambition: to become a master mechanic. Hobbies: collecting music and sleep.

9. ROBERT CAMPBELL.

Lougheed, Alta.

Bob hopes some day to own his own service station from which he can hail customers with his favourite saying—"Hi Toots!" Plays a smooth first base position.

10. H. BERESKA.

Hilliard, Alta.

Born in Stony Plain in 1920, he came to Tech. to increase his mechanical knowledge. His hobbies are skating and letter writing.

11. C. R. CARROLL.

Calgary, Alta.

First saw light in 1920 at Nevis, Alberta, moving to Tech's home city in 1935. His favourite activities are basketball and sleeping. Pet saying—"Please don't wake me up."

12. A. E. CEMBELLA.

Vegreville, Alta.

First heard his own horn on January 20, 1920, "the year of the pale blue snow" in Vegreville. His one ambition is to serve the motoring public. Answers to "Algie."

13. K. C. CLARKE.

Calgary, Alta.

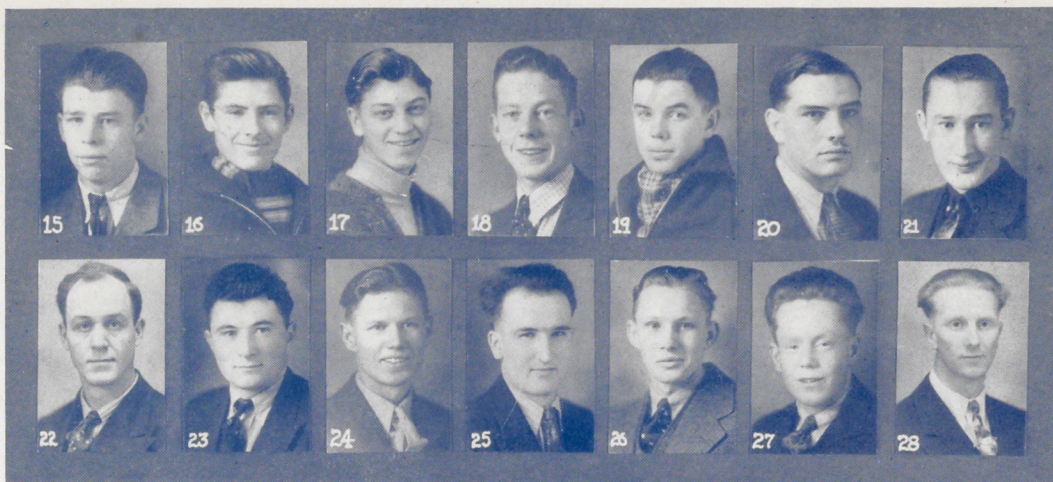
A fine young chap, born in Toronto. Has no hobby, but wants to get married and be a model husband. All he talks about is where they were last night.

14. T. A. CORNBOROUGH.

Calgary, Alta.

A lad, long, lanky and lean; he's smiling wherever he's seen; this guy is real plucky; his friends call him lucky; but the luck all resides in his "bean."





# MOTOR

## I.

### 15. L. EXELBY.

Calgary, Alta.

Some think Exelby the wit of the Motor Class; others think differently. His main hobby, when not wrecking automobiles, is radio. His ambition is to be a Diesel engineer.

### 16. K. FERGUSON.

Calgary, Alta.

Born in the land of the kangaroos, Australia, in 1920. Hobbies: photography and red-heads. Ambition: to own and operate a sales and service station. Favourite saying—"Hello-dee".

### 17. BERT HALL.

Calgary, Alta.

A baseball player of note, he also captains a softball team. He is an ardent stamp collector. His main ambition is to be a snow scraper in Florida.

### 18. ARTHUR HARGREAVES.

Calgary, Alta.

Art's ambition is to be able to fix a flat tire. Main interest: the lunch room. Is a good hockey player.

### 19. K. HEMM.

Forsite, Montana.

"Hemmy" came to Tech. to learn to be a first class motor mechanic. His hobbies are fretwork and fixing wrecks. Pet hate is English, because it's on the second floor.

### 20. L. M. HEMM.

Crossfield, Alta.

"Large" came to Tech. to learn to be a first class motor mechanic. His ambition is to become the owner of a large garage. Favourite expression is "Skip it!"

### 21. JACK HENINGER.

Aetna, Alta.

Jack, an industrious motor mechanic and woman-hater, came to Tech. to learn about automobiles. His ambition is to invent a combined folding car and aeroplane.

### 22. S. COSBURN.

Calgary, Alta.

Came to Tech. in 1930-34, returning this year to specialize in painting and body work, and in Third Year Motor. Wants to see Tech. win the Provincial Basketball play-off.

### 23. BILL DOLINSKY.

St. Paul, Alta.

Born in 1914. Travelled the country, and felt the call of industrial life in the Eastern States. Serves the public as a motor mechanic. Specialization is his goal.

### 24. G. BERGER.

Champion, Alta.

Born in Champion, Alberta, in 1917. Is commonly known in Champion as the "Motorcycle Kid." He is specializing in body work and spray painting. Is a near Olympic pole vaulter.

### 25. BILL DYRDA.

St. Paul, Alta.

Born on a farm at Ispas, Alberta. Hopes to make his home in St. Paul if he can find someone to make him stop drifting from one place to another.

### 26. LLOYD ANDERSON.

Grenfell, Sask.

Lloyd came to Tech., off and on, for three years, trying to pick up choice bits of knowledge about motor mechanics. His favourite pastime is baseball.

### 27. G. J. SIMPSON.

Banff, Alta.

He is very active most of the time selecting pack mules. His life's ambition is to be able to have a good appetite and always to be able to fill it. His favourite saying is: "So What."

### 28. H. G. HOINES.

Viking, Alta.

Born at Ryley 27 years ago. Wants to learn all about motors and automotive electricity. Slipped into the Diesel Group when nobody was looking.



# MOTOR

## I.



29. G. HONEY. Calgary, Alta.

Born in Calgary, with a disposition that doesn't belie his name. Chief interest—making models. Ambition—to be a good mechanic.

30. W. L. HUGHES. Calgary, Alta.

Gets his thumbs in the way when boxing, and thinks Tech. is a place of amusement as well as of work. Ambition—to be a professional boxer.

31. C. R. HUTCHINSON. Calgary, Alta.

A smooth-running 1919 sports model, made in Canada. Enjoys reading when not indulging his weakness of admiring brunettes. Ambition—to own a Model "T" that does not rattle.

32. ANDY KINASEWICH. Thorsby, Alta.

Acted as fall term Motor Class Rep. His greatest desires are: to own and operate Ford's factory and to have a double pass for the Palace Theatre for life.

33. ARCHIE KLAIBER. Little Plume, Alta.

Archie was born in Medicine Hat. Punched cows prior to coming to Tech. Hopes to be able to find a place for all the pieces of his Ford some day.

34. H. LOVEDAY. Calgary, Alta.

Received his education at Hanna and Olds School of Agriculture. In the fall of 1937 he moved to Calgary and decided to increase his knowledge of motor mechanics. Pastime—wondering.

35. A. W. LUEHR. Calgary, Alta.

First sighted the world in Taber and is a great asset to our Motor Group. Customary greeting: a cheery "Hi There!" Chief ambition—to become a successful "grease monkey."

36. W. F. METGE. Macleod, Alta.

Ambition—to be a flashy mechanic in Henry Ford's factory earning \$8.00 a day. Failing that, to wear a striped suit and crack rocks at Sing Sing. Pet aversion—"A perfect circle."

37. J. D. MOORE. Calgary, Alta.

Calgary is his place of nativity; football is his choice of sports; fair ladies are his interest in life.

38. M. J. McCUNE. Shady Nook, Alta.

Hopes to own a highway garage in which he can exercise his craft as a good mechanic. Invites hold-ups so he can keep in practice his keen shooting eye.

39. A. McDOWELL. Calgary, Alta.

Born in Ontario in 1916, but heeded the advice, "Go West, young man" in 1921. His skill as a mechanic has yielded him prospects for this summer.

40. RUSSEL OWENS. Vauxhall, Alta.

The only reason Russel came to Tech. was to learn to be a motor mechanic, and he means business. Favourite pastime—being determined.

41. TED PROCHNAU. Calgary, Alta.

Although very ambitious, Ted finds time to play the violin and sing. Chief aspirations—to be an expert mechanic and to teach the boys to clean up after work.

42. A. E. RUTZ. Calgary, Alta.

Makes his home in Calgary, is a good mechanic and a regular guy. Plays the violin and trombone, although not at the same time. Favourite sport—Rugby.

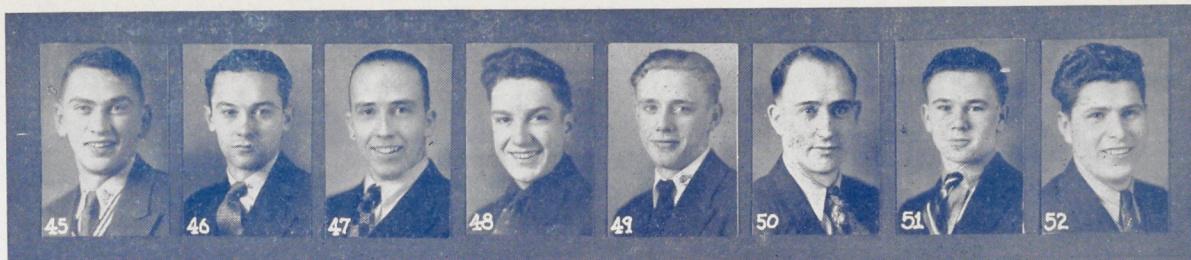
43. GEORGE SHOWMAN. Alliance, Alta.

George came to Tech. to learn to be a first class motor mechanic. He is a "Jack-of-all-Trades", but does his most noble work when tinsmithing.

44. L. H. SINCLAIR. Michichi, Alta.

At the tender age of sixteen he is ambitious to learn all there is to know about cars. Can smell hockey from afar.





45. E. A. SOOLE. Banff, Alta.

Born in Banff with a wrench in his hand. Now rides a motorcycle up and down Banff Avenue to give the local lads a thrill. Ambition—to be a dirt-track racer.

46. L. G. TAYLOR. Stettler, Alta.

Citizens of Stettler awoke one morning in 1916 to find Lloyd in their midst. He secretly cherishes the hope to be a good mechanic some day.

47. MARVIN TORRIE. Calgary, Alta.

Last fall Marvin traded his lariat and boots for a hammer and wrench. Hopes to be a first class mechanic. However, he still says, "I love those wide open spaces."

48. H. W. WAGNER. Mountain Park, Alta.

He journeyed to Calgary to become an expert mechanic. His one ambition is to become a star forward for the Maple Leaf Hockey Team.

49. ALLAN H. WATERS. Coutts, Alta.

A thoughtful man, interested in all kinds of activities. Plays an accordin, and several other instruments. Likes to mix smoking with business.

50. S. J. WOOD. Macleod, Alta.

A straight-forward young fellow who minds his own business and expects others to mind theirs. Hates to see anyone buck the line at the Stores.

51. GUY WOODS. Calgary, Alta.

Has lived in Calgary since 1919. He comes to Tech. bright and early every morning so that he may some day become an expert motor mechanic.

52. J. ZAROWNY. Northern Valley, Alta.

Comes from Northern Valley and is fond of music. His naturally wavy hair makes him look very attractive. He is taking a special course, and says that he learns more every day.

## TOBACCO TRIBULATIONS

By F. D. and K.M. SHELTON

(To Margaret, in sympathy, upon the occasion of the stealing of her tobacco by the dog while she slept in on New Year's Day. Apologies to Rudyard Kipling's "If.")

If you can puff, and not make puffs your master;  
If you can smoke, and not make smoke your aim;  
If you can stop inhaling, or puff faster,  
And keep your mental balance just the same;  
If you can make one heap of your tobacco,  
And see the dog purloin it from your bed;  
And know that you may never get it backo,  
And yet not let it make you lose your head;

If you can lie in bed till nearly dinner,  
And, waking, find your best tobacco gone,  
And feel yourself becoming hourly thinner,  
And still sleep on, and on, and on, and on;  
If still, in spite of all, you keep unruffled,  
And calmly search the house from end to end,  
Though plagued by mocking laughter scarcely muffled,  
In never-ending hunt for man's best friend;

If you can spend the weary day in hunting,  
O'er turning sheets and pillows in despair;  
And moaning, groaning, cursing, swearing, grunting,  
You fail to track the truant to its lair;  
If, when the disappointing search is ended,  
Deprived of soothing fumes, you still keep cool,  
Alone in your bereavement, unbefriended,  
And keep on searching like a blithering fool;

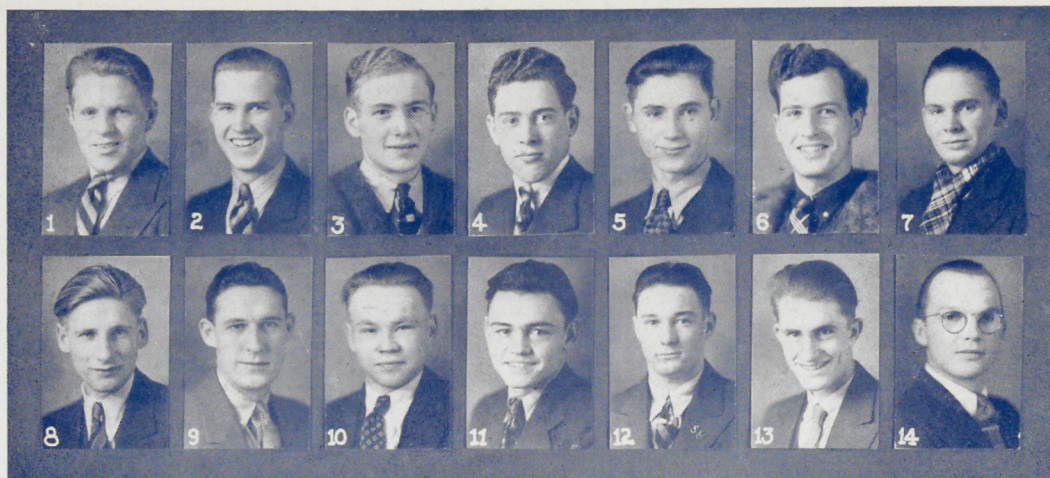
And if, in stern pursuance of your duty,  
You never turn aside to wipe a dish;  
Nor let the damage done unto your beauty  
Dissuade you from fulfillment of your wish;  
If you can be distracted by no pleasure,  
Sustained the while by cheerful, tuneless hum,  
Just wanting restoration of your treasure,  
Determined that you never will succumb;

If you can keep a brave front to your neighbours,  
Although consumed by inward woe and grief,  
Continuing in never-ending labours,  
T'neath from his dread laid the lousy thief;  
If you devote to searching every minute,  
Until your brain is paralysed and numb,  
You'll find tobacco bag, and all that's in it,  
And what is more, my dear, you're going some.



# MOTOR

## II.



1. **JOHN ANDERSON.** Turner Valley, Alta.

A by-product of the oil fields, his one ambition is to find a Ford with a comfortable back seat for that forenoon sleep. Is keenly interested in sports.

2. **ED. BRAGG.** Rockyford, Alta.

Ed's main ambition is to study law. His burning desire at Tech. is to replace Clark Gable in the hearts of all the girls. He revels in Tech. dances.

3. **ROPER CLARKE.** Calgary, Alta.

A native of Calgary, he has a pleasing personality, and although a great lady killer, is quite modest. His ambition is to be in shop in time for roll call.

4. **JOHN DALGAS.** Crescent Valley, B.C.

Born at Folkestone, England, in 1918, but never acquired the accent. Although of a modest nature, he gets around. Chief hobbies are photography and radio.

5. **JOHN DIDUCH.** Mundare, Alta.

Appeared in the world eighteen years ago, across the Atlantic. His ambition is to install a lighting system on his bike. Excels in dancing and tobogganing.

6. **ALBERT ELLISON.** Calgary, Alta.

This curly-haired young man came to Tech. to learn to be a first-class grease monkey. Plays badminton and tries to dance. Addictions—photography and eating candy.

7. **J. A. GOODY.** Red Deer, Alta.

Born in Red Deer, he spends his time playing hockey and taking pictures. Takes great interest in motor mechanics. Is hopeful of some day taking a perfect portrait of his girl friend.

8. **KENNETH GRAINGER.** Calgary, Alta.

Kenny was born in Calgary nineteen years ago and has lived here ever since. Is a star player on the Motor II hockey team.

9. **A. GRAYSON.** Medicine Hat, Alta.

Up from the Gas City and thinks Tech. is tops. Great disposition, good hockey player. Takes Auto Electricity, but still thinks a field is some kind of meadow.

10. **S. W. HUCULAK.** Whitford, Alta.

Denizen of Whitford since 1916. His interests are dancing, public speaking and socials. Ambition—Ford specialist. Hobby—listening to Ford coils buzz.

11. **R. S. MACKEY.** Nanton, Alta.

Is quite proud of being a former farmer and an Irishman. His chief ambitions are to become a member of the Iota Club and to be a corporal in the army.

12. **ROLAND MEUNIER.** Vancouver, B.C.

Roland was born in Burnaby, B.C., but spent the best years of his life in Red Deer. Has recently moved to Vancouver, B.C. He plays the guitar, sings, and is a radio "ham."

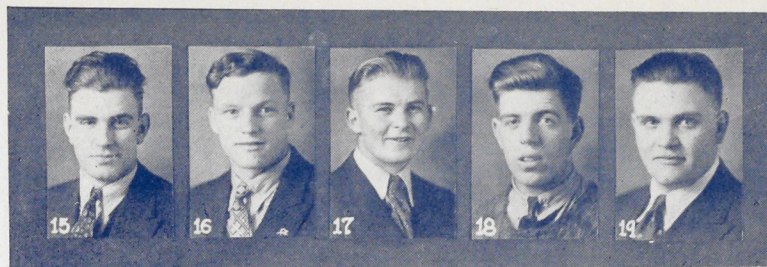
13. **M. W. MILLER.** Medicine Hat, Alta.

Slim was born at the Hat. His big ambition is to push his partner, "Fat" Venus, out of bed.

14. **CHARLES McNEILL.** Camrose, Alta.

Charlie was born in Morristown, Nova Scotia. He came back to Tech. this year to find out just what takes place inside a battery. Charms the ladies with his personality smile.





# MOTOR II.

## 15. LEW NORTHEY. Red Deer, Alta.

Lew's 185 pounds of bone and muscle serve well the Motor hockey team as goalie. Active on banquet and literary committees. Ambition is to be a better sports announcer than Gail Egan.

## 16. J. L. PENNOCK. Elnora, Alta.

Takes a great interest in his shop work and is a hockey enthusiast. And do the girls go for his red hair? Resident in Elnora since his birth.

## 17. BILL SEXSMITH. Stavely, Alta.

Made the hockey team this year and revels in handing out body-checks. Motor's gift to the ladies. Ambition—to be heard above the shop noises. Hobby—15th Light Horse.

## 18.—A. J. SPENCER. Medicine Hat, Alta.

Formerly a cowpuncher, Spence came to Tech. to learn lead burning. Is a professional yodeller, and is very interested in antique automobiles.

## 19. ART VENUS. Delia, Alta.

Art, generally known as "Fat", is the weighty boy of Motor II. In spite of his excess poundage, Art is a graceful dancer. Ambition—to be a motor mechanic.

## FINDING A JOB

Take this, my boy, and remember it long,  
Though now it may strike you as funny,  
A job with a chance to improve and advance,  
Is better than one that pays money.  
Take a hint from an old man who's travelled the way,  
Just heed to his counsel a minute,  
There's a job that may pay you five dollars a day,  
But that's all there will ever be in it.

Don't look at the cash as so many boys do,  
Take a look at the long years before you;  
See how much you can learn, not how much you can earn,  
And the place which the future has for you.  
Can you rise from the post where they'd have you begin?  
How far will this humble job take you?  
These are questions to ask. They pay well for the task.  
But what sort of a man will it make you?

Oh, many a boy has begun with a rush  
And has grabbed at a man's wage blindly:  
Now he sticks as a man at the spot he began,  
And thinks life has used him unkindly.  
So look for a job with a future ahead,  
Seek a chance to grow greater and greater,  
Seek a place where you know as you work you will grow,  
And the money will come to you later.

—Edgar A. Guest.

## POINTED POETRY

A lion met a tiger as they drank beside a pool.  
"Tell me," said the tiger, "why are you roaring like a fool?"  
"That's not foolish," said the lion, with a twinkle in his eyes,  
"They call me King of the Beasts because I advertise."  
A rabbit heard them talking, and ran homeward like a streak.  
He thought he'd try the lion's plan, but his roar was just a squeak.

A fox come to investigate—had luncheon in the woods.  
Moral—never advertise unless you have the goods.

—The Illinois Teacher.

"Shay, Oshifer, where's the corner?"  
"Why, you're standing on it!"  
"S'at so; no wonder I couldn't find it!"

The following letter was received recently by a concern that manufactures corn syrup:

"Dear Sirs: Though I have taken six cans of your corn syrup my feet are no better now than they were before I started."

Mr. Wynne—"What model is your car?"  
Harvey Sproule—"It isn't a model, it's a horrible example."



# MOTOR



**1. C. E. CRANSTON.** Calgary, Alta.

Cranston will always be happy, for he is happiest when studying for exams. His studious propensities have gained him many a high mark.

**2. E. R. EGGENBERGER.** Rainier, Alta.

Born at Warner, Alberta, Buck is an expert motor mechanic and his main ambition is to own a Duesenberg "12". Says all other sports aren't a patch on baseball.

**3. A. A. HAWTHORNE.** Medicine Hat, Alta.

"Thorny", the master mind of Motor 3, is well liked by his friends. Excellent as a student, but also finds pretty girls interesting. Hopes some day to own a Rolls Royce.

**4. G. W. REDDEKOPP.** Acme, Alta.

Drifted into Tech. three years ago to learn all about motors and what makes them tick. His greatest ambition is to operate a shop of his own some day.

**5. H. W. SMITH.** Sedalia, Alta.

Harold thinks that all the squawks in Motor 3 are heard in the radio room. Finds the tubes in radios as troublesome as tubes in cars.

**6. MIKE YURKIW.** Radway, Alta.

Wants to see in glittering light on his garage "Mike Yurkiw—Motor Mechanic DeLuxe", and own a Chrysler Airflow. Bids fair to do both.

**7. E. B. SELLECK.** Greencourt, Alta.

Selleck makes radio his special hobby. He can't get enough Machine Shop during the day so he comes back at night for more. Ambition: to become a second Marconi.

**8. JOHN STROCHER.** Calgary, Alta.

Jack's greatest ambition is to master square root. Hobby: thinking up questions in Radio Theory. He is chiefly known for his part in making the Motor 3 Bean Feed a success.

## THANKS FOR THE TIP

Gordon Bennett—I know a girl who plays by ear.

Ed. Bragg—S'nothin'—I know an old man who fiddles with his whiskers.

Andy—Check your oil, Sir?

Mr. Choate—No thanks, I'm taking it with me.

Traffic Cop Cam. McLeod—Don't yon know what I mean when I hold up my hand?

Jack Mitchell—I ought to, I was a school teacher for five years.

Staples—I hear you knocked all your teeth out. Kitchen—That's right.

Staples—How'd you do it?

Kitchen—Somebody rolled a nickle under the table.

The best way for a young man who is without friends or influence to begin is: first, to get a position; second, to keep his mouth shut; third, observe; fourth, be faithful; fifth, make his employer think he would be lost in a fog without him; sixth, be polite.—Russell Sage.

## HO! HO! AND A BOTTLE OF RUM

A cavalry officer remarked that, during the Great War, he had charge of off-loading a cargo of horses at Plymouth, England. A horse that had been taken ashore managed to get away from the soldier, who was holding it and nine others on halter shanks. The horse ran down the road and was returned some time later by a sailor.

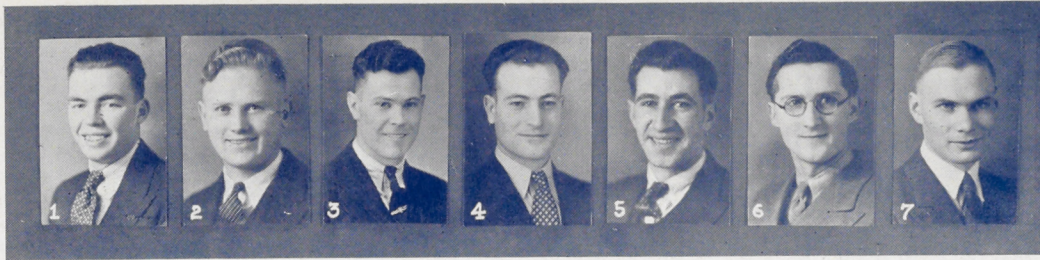
Here is how the sailor described his adventure to his superior officer:

"I saw the horse sailing along with the painter trailing. I came alongside and grabbed the painter from the port side. After several attempts, I got aboard about midships, but the horse began to roll, pitch and heave. One minute I was amidships and the next was on the quarterdeck, and then I was shot back to the stern. A few more heaves and I was overboard. I managed to hang on to the painter, and this time I got aboard from the starboard side. Again I was pitched and tossed from amidships to quarterdeck and back to stern, and again I was tossed overboard.

"From my position overboard I decided that, as it had the wind astern, it would not be a favourable situation to get aboard again, so I towed it home by the painter and tied it up to the rail. You will find it moored down there by the dock."



# BATTERY & IGNITION



1. **W. A. CLAYTON.** Langdon, Alta.  
Comes from Langdon, where he was a fur rancher. His main interests are welding and mechanics. Is well liked by both sexes, and some day hopes to own his own garage.

2. **ELMER NELSON.** Wetaskiwin, Alta.  
His future will be devoted to battery and ignition work. Takes active part in sports, hockey and curling especially.

3. **G. D. SCORAH.** Clive, Alta.  
Learned the art of tractor farming at Clive. He is well liked by all. Prefers brunettes to blondes. His ambition is to some day own a large garage.

4. **L. SEEGER.** Pleasant Valley, Alta.  
Came to Tech. to specialize in battery and ignition. Takes his work seriously and is well liked by his fellow students.

5. **HARVEY SPROULE.** Killarney, Man.  
A congenial Irish fellow who really knows his motors and generators. As Class Representative he is always busy when a Lit. or banquet is in the offing.

6. **N. STARK.** Chipman, Alta.  
Is 21 years of age, good-looking, ambitious and sings like a nightingale. Talks about two girls at home. Chief aspiration: to make one battery right.

7. **L. E. STEWART.** Calgary, Alta.  
Better known as Charlie McCarthy. He is a mechanic by nature and the real reason why girls leave home. Hobby—trying to make the growler bark.

## A DAY IN THE LIFE OF A TECH STUDENT

By **BILL WILSON**

Gradually it dawns on me that someone is calling my name. Oh, yes, there's school today, the same as usual, and I suppose I must get up. But wouldn't it be nice to go back to sleep for just a little while? "Say, do you know it's a quarter to eight?" Frantically I scramble out of bed, realizing that I have paid another short visit to the Land of Nod. Dressing in nothing flat, I soon find myself gulping my breakfast in a manner not described in a book on etiquette.

Now I'm puffing up the hill with exactly two minutes left. If I walk a little faster I believe I'll make it. Without taking off my overcoat, I rush into the shop just in time to answer "Here." Boy, if my name had been two lines higher up on the alphabetical list it would have meant a trip to the office for a late slip. Solemnly declaring that hereafter I will get up when first called, I don my coveralls and start the morning's work. The time flies by, and soon it will be time to wash up and hike home for lunch.

The afternoon doesn't seem to go by so fast. Maybe it's because spring is in the air, and the urge to get outside to enjoy the warm sunshine is in my bones. Finally the last bell rings and I'm off for home. The weather is so nice that I believe I'll walk down to the library to get a biography to read. After all, that summary has to be written sometime. Homework, reading and radio after supper and it's time to roll under the covers again. As I doze off I wonder if I'll remember my resolution at 7.15 a.m. Well, it—won't—be—long—until—I find—ou--t.

## TWELVE THINGS TO REMEMBER.

- (1) The value of time.
- (2) The success of perseverance.
- (3) The pleasure of working.
- (4) The dignity of simplicity.
- (5) The worth of character.
- (6) The power of kindness.
- (7) The influence of example.
- (8) The obligation of duty.
- (9) The wisdom of economy.
- (10) The virtue of patience.
- (11) The improving of talent.
- (12) The joy of originating.



## THE BANQUET

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**W**HAT is the date? February 4. What is the time? 6.30 p.m. Oh, yes! The big event of the year has come at last. Thus began the Sixteenth Annual Banquet and Dance of the Institute.

As in previous years it proved to be the culmination of all our social functions. The Banquet Committee, under the capable leadership of Chairman Steve Nazar, spent much time in the previous two weeks feverishly preparing so that all might be in readiness for the night of nights. They were justly rewarded for their untiring efforts, for every item seemed to have been attended to, and nothing which would have added to our enjoyment was lacking.

By 6.30 p.m. the Palliser Hotel had taken on a festive atmosphere, for scattered throughout this great building could be seen Tech. boys dressed to "kill" and girls resplendent in their evening regalia ready for the "kill." A very appetizing and enjoyable supper gave the affair a flying start.

The programme was opened by Mr. Fowler, who proposed a toast to "The King." Community singing, led by Mr. Hutchcroft and accompanied by Mr. Forsey, followed, and afforded those who were wont to give vent to their feelings an excellent opportunity to do so. Dr. McNally, speaking in his usual humorous vein, brought greetings from the Department of Education. The General Shop Octette came next, rendering two excellent and much appreciated songs. Mr. Bennett spoke on behalf of Dr. Carpenter, who was unfortunately not able to attend. However, Mr. Bennett proved himself a very able substitute by delivering in a characteristic manner the chief items of Dr. Carpenter's proposed speech. Mr. Bennett stressed the value of the Technical Institute to Calgary business. Captain Edwards then favoured us with two excellent songs which brought enthusiastic applause from a very attentive audience. Mr. Rhodes followed, giving the address to the Students from the Staff, during which he kept the audience in a continual uproar by his many humorous anecdotes. The Institute's Symphony Orchestra, under the baton of Mrs. Paynter, then rendered two very much appreciated musical numbers. The speeches were brought to a close by our President, Wallace Harper, who was slated to address the staff on behalf of the students, but finding it a rather difficult and dangerous task, spent more of his time in giving a few humorous sidelines relative to the activities of some of the members of the staff. The programme closed with the singing of "Auld Lang Syne."

Mr. Fowler, acting as Toastmaster, showed throughout the programme why he was aptly dubbed "a past master at toast-mastering." Each speaker was skilfully introduced to the audience by some rather fitting remarks, much to the amusement of the audience and much to the happy discomfiture of the speakers.

The decorations this year were of an excellent calibre, the result of hours of hard work by all the departments to create something worth while for a "worth-while" occasion. Each department had constructed something illustrative of its function. The Aero Class had a revolving aeroplane engine and an airship; the Art students a futuristic street scene; the Electrics an electrical sign and other electrical equipment; the General Shop a little red school house; and each of the other departments had similar representative objects. The mural portraits of the instructors which were hung along the walls of the dining hall were the result of much effort on the part of the senior Art students.

The dance was the concluding item on a very enjoyable programme of entertainment. Jerry Fuller and his orchestra supplied snappy music befitting the spirit and gaiety and hilarity so much in evidence. Although the Banquet and Dance are now a thing of the past, in the years to come we shall look back to that evening with pleasure. In fact, the last stanza of William Wordsworth's poem, "The Daffodils", most fittingly describe the feelings which will be aroused in us when we look back to that night. For the sake of those who may have forgotten that stanza we take the privilege of concluding with these few lines:

"For oft, when on my couch I lie  
In vacant or in pensive mood,  
They flash upon that inward eye  
Which is the bliss of solitude;  
And then my heart with pleasure fills  
And dances with the Daffodils."

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## LITERARY PROGRAMMES

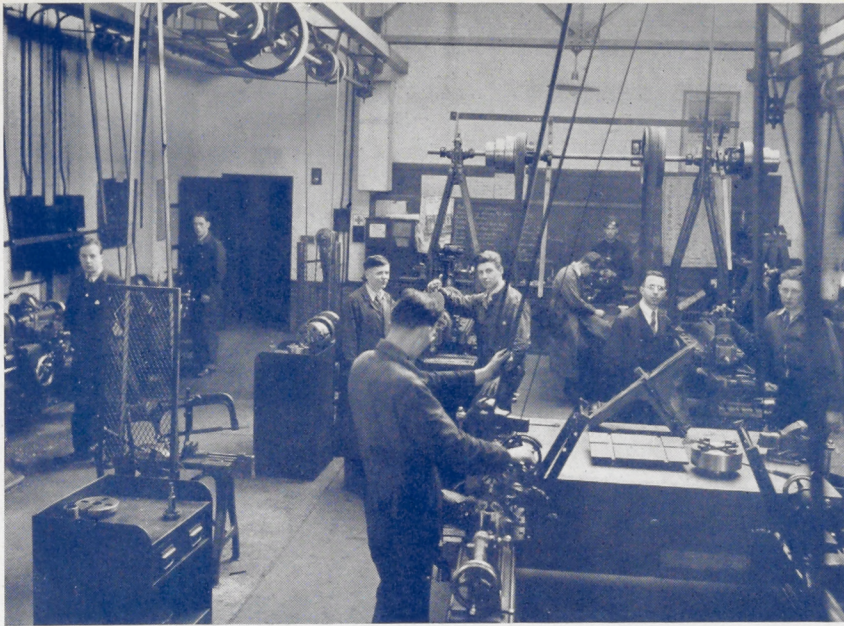
**W**HO'S putting on the programme today?" This was the weekly question to which no one seemed to know the answer, until the week his own class put on the programme. Then remember how nervous we all were, but what fun we had. Or perhaps you were one of those superior persons who sat out in the crowd and felt sorry for all those poor mortals on the stage.

We have had two very successful series of programmes, all very entertaining and enjoyable. Let us review and pick out the outstanding features:—The Art Gypsies, The Composite Minstrels, The Motor Garage, The Dressmakers' Valentines, The General Shop and Building Construction Octette, The Radio Broadcast, The Aero Mock Trial, and others. All programmes were of such a very high standard that the awarding of just a few points meant the decision as to the winner.

However, General Shop and Building Construction finally received the nod in both series and were twice presented with the cherished mug—surely an envious record.

Our thanks go to our friends Mr. Safran and Mr. Fleming for the excellent way in which they carried on the community singing to the enjoyment of all.





MACHINE SHOP

# OTHER DEPARTMENTS

WOOD SHOP

Building Construction

Ceramics

Diesel Engineering

Farm Construction

General Shop

Machine Shop.

Mechanical Drafting





# BUILDING CONSTRUCTION

## 1.



### 1. JACK BUNDY.

Cowley, Alta.

After cartooning Willie Miners, his big ambition is to grow hair on his cedar chest. When you're near you'll hear: "Are you ready?" Tweet! Tweet! Tweet! Tweet! Tweet!

### 2. WILLIE FORSTER.

Leduc, Alta.

A happy-go-lucky who plays hockey as well as he does a guitar. Ambition: to be able to master any job he undertakes. Favourite saying: "You're telling me!"

### 3. BILL HARVEY.

Lethbridge, Alta.

Raised in Lethbridge, Bill has more than one interest in Bellevue, where he is employed in contracting. Hopes to be his own boss soon. Is an exceptionally good skater.

### 4. ED. LAZORUK.

Rycroft, Alta.

Born in Rycroft, Northern Alberta; in 1937-38 he found himself in Calgary taking a course in Building Construction. Ed's ambition is to explore the wilds of Rycroft.

### 5. G. D. LeDREW.

Medicine Hat, Alta.

Born in the "Hat" some twenty years ago, he obtained his Grade Twelve and then came to Tech. to exercise his knowledge. Photography is his hobby, and he hopes to get a degree in Building Construction.

### 6. S. A. McDONALD.

Calgary, Alta.

A born Scotsman whose activities include hockey and rugby. Dancing and driving a car keep him satisfied. Wants to become a general contractor. Hates rainy weather already.

### 7. BILL MINERS.

Saskatoon, Sask.

An able skier from Saskatoon. Hobby: canoe construction. Ambition: to go skiing at Banff every Sunday. Dislikes joking about his moustache. Favourite saying: "Shucks, 'twern't nothin'."

### 8. GORDON MOSESON.

Wetaskiwin, Alta.

Came to the Institute in the hopes of becoming an architect. Construction of windows and doors does not seem to fit his line. His singing has been outstanding on Lit. and Banquet programmes.

### 9. G. M. MURRAY.

Lethbridge, Alta.

The boy from Lethbridge who hopes to make good in the Big City as a building contractor. His chief interests are centered in the Normal School.

### 10. STEVE NAZAR.

Calgary, Alta.

Activities—everything. Was chairman of Banquet Committee. Wears a red shirt at Tech. for propaganda. Would like to plan cities in future. Begins pep talk with "Listen here, you guys."

### 11. KENNETH VINE.

Calgary, Alta.

Born in Calgary 18 years ago, he raises chickens as a hobby. Ambition: to build modern hen-houses. Hates to talk quietly.

### 12. TONY FRANSON.

Brooks, Alta.

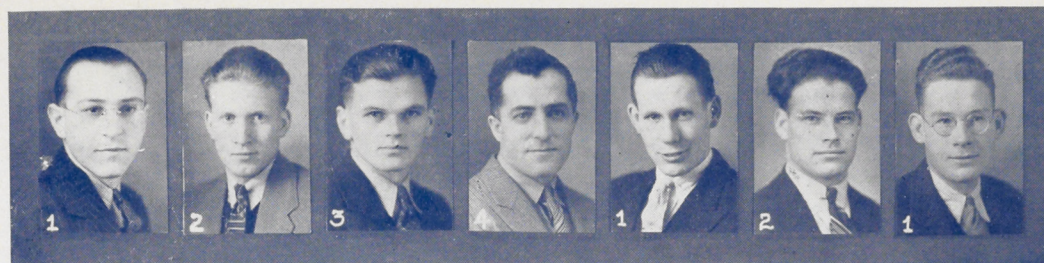
A mass producer of doors, who gets a thrill out of beating the stock market. Frequently admonishes his class-mates with "The door of success is labeled 'Push'."

### 13. PAUL KALAWSKY.

Camrose, Alta.

Paul is a quiet and well-liked fellow. His ambition is to become a master builder. His hobbies are playing the guitar and singing.





# BUILDING CONST. II.

## DRAFTING I. & II.

### BUILDING CONSTRUCTION II.

1. **JOSEPH D'APPALONIA.** Coleman, Alta.  
Star goal-keeper on the Tech. Hockey Team. Quite an actor, he has attracted the attention of Hollywood scouts. Ambition: to hit the bull's-eye in shooting.

2. **GORDON EVERS.** Calgary, Alta.  
Gordon was born in Edmonton, later moving to Calgary. Plays hockey for Tech. and for the Herald.

3. **NICK FILIPCHUK.** Andrew, Alta.  
Ambition is to be a good draftsman. His pet saying is "Have you heard this one?" Is a good hockey player and an all round ladies' man.

4. **NICHOLAS HRUDEY.** Edmonton, Alta.  
Nick is greatly interested in dancing and his chief ambition is to find a permanent girl friend. Hopes to carve his name in the lumber industry. Favourite saying—"Ah, I guess so."

### DRAFTING I.

1. **R. ROLSTON.** Calgary, Alta.  
"Bingo" was born in 1918 at Stavely, but later moved to Calgary. He was business manager of the Tech. Banquet. His chief ambition is to locate a permanent job.

2. **BILL WALKLEY.** South Slokan, B.C.  
Was finally cajoled into "durance vile" as Business Manager of the Year Book. Kept the Year Book Office tidy by suiting his actions to the words, "Throw it away!"

### DRAFTING II.

1. **W. H. ROLSTON.** Calgary, Alta.  
After 15 years' residence here Bill disowns Stavely, and proudly claims Calgary as his home. A devotee of boxing, wrestling and hunting. Paradoxically, he wants to be a good "draughtsman."

## THE SHOOTING CLUB

The crack of rifles ceases—the smoke clears—once more the Shooting Club has scored a bull's-eye. As the season draws to a close we look back on one of the most successful shoots in the history of the Club.

Every Friday night at eight o'clock for the past four months Mr. Wagner has arrived to preside over the shooting for at least two hours. Much credit is due to him for the many hours he has so willingly devoted to the Club.

To the highest scorer in every 50 rounds goes a silver spoon. After a sniper has won one spoon, he is then ineligible to compete for another. However, he can then compete for a special prize open only to spoon winners. The high score for the season was made by M. McCune of the Motor 1 class with 98 out of a possible 100. Six other silver spoons were won by Alex Grayson, Motor 2; Dave Brown, Electric 2; Leonard Glover, General Shop; Joe Kovick, Farm Construction; L. B. Marler, Farm Construction; and H. E. Peterson, Electric 1. The shooting was not of as high a calibre as it was last year, but this was wholly offset by the number of sharpshooters who squinted through the sights some 5,000 times this winter.

The only disappointing feature of the Shooting Club was the decided lack of members of the fair sex. There were only two or three who put in an appearance during the whole season. The special prize for ladies was won by Miss McLintock of the Dressmaking Department.

The Club became affiliated with the Dominion Marksmen's Club this season and so became eligible to shoot for the prizes put up by this Club. To the first year members who will form the Shooting Club next year we extend our hopes that they have as successful a shoot as we have had this season and live up to the old saying, "Be a straight-shooter."

Ain't it the truth? A heavy date makes the mind lighter.

The best way to wipe out a friendship is to sponge on it.

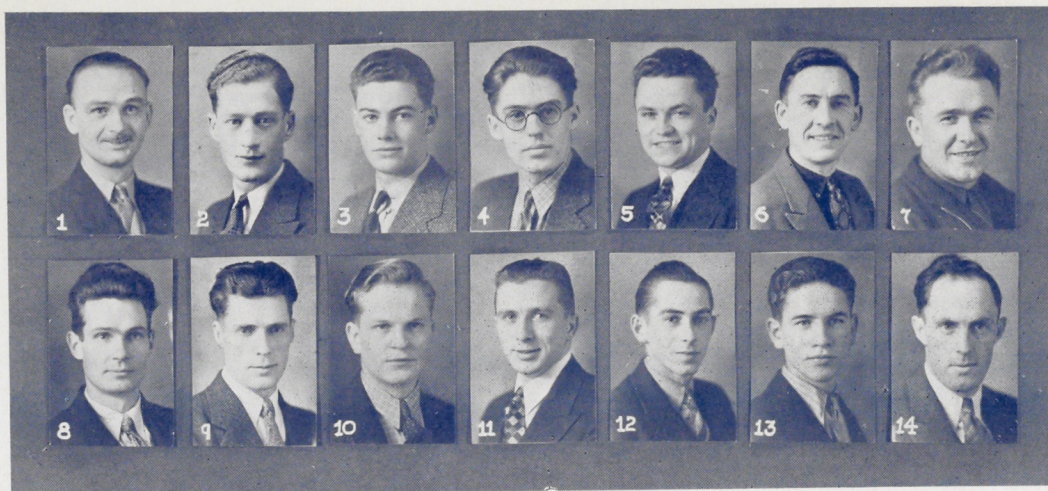
All things come to the other fellow if you will only sit down and wait.

Make yourself an honest man, and then you may be sure that there is one rascal less in the world.—Carlyle.

One thorn of experience is worth a whole wilderness of warning.—Lowell.



# GENERAL SHOP



1. **TOM BARRY.** Calgary, Alta.  
Born where Calgary now stands—and admits it. A literary critic of note. Wears a moustache and a friendly smile. Cherishes a smoking stand.

2. **BOB BYRON.** Edmonton, Alta.  
Year Book Editor. Tenor in the Octette. Alleged clarinetist in the orchestra.

3. **DONALD DITZLER.** Calgary, Alta.  
Prithee, why so quiet, lad? Prithee, why so quiet? Character—strong, silent and ambitious. Weakness—the fairer portion of the Normal School. Ambition—to learn the St. Vitus' Dance.

4. **LEN GLOVER.** Calgary, Alta.  
Competes with Mitchell as class entertainer during Drafting; starred in the "Perfect Alibi"; basso profundo of the Octette; belongs to the Shooting Club, and worries over nothing but chip carvers.

5. **WALLACE HARPER.** Medicine Hat, Alta.  
Has been President, Social Convener, Secretary of the Hockey Club, Social Editor of the Year Book and Business Manager for Dramatics. Ambition—I.O.T.A. Secretary. Noted for his hearty laugh.

6. **JACK INGLIS.** Wetaskiwin, Alta.  
A raconteur and connoisseur of stories which point a moral. Definitely known to prefer brunettes. Widely travelled and interesting, as the Art students of the Plastics Class will testify.

7. **ALEX KINDSVATER.** Calgary, Alta.  
Born and educated in Calgary, Alex taught school for several years. Displays admirable skill in shop, woodwork being his specialty. Favourite expression—"You're telling me."

8. **EWEN KING.** Calgary, Alta.  
Attempted Mt. Allison, but finally came west to see some real mountains. Is a fiddler and drafter of renown. Wants to be a bird imitator so he can work while whistling.

9. **JOHN McDONALD.** Edmonton, Alta.  
A very quiet lad from Edmonton. Taught for several years and decided to take General Shop. Hopes to be able to plane a board straight.

10. **CAMPBELL McLEOD.** Calgary, Alta.  
Against dictates of his Scottish blood, he gives freely his time and ability to Dramatics—"Perfect Alibi"; singing—General Shop Octette—and what have you? Also does some work.

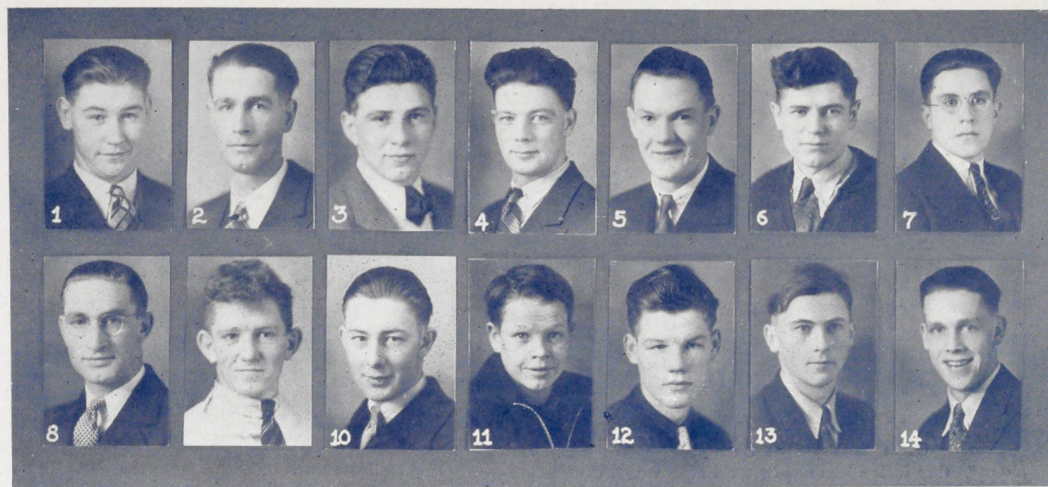
11. **JACK MITCHELL.** Calgary, Alta.  
The bright and witty Literary Convener of our second term. After his second year of University, Jack hied himself to Calgary Normal and has spent his last four years teaching.

12. **JOHN POLLOCK.** Calgary, Alta.  
Took the candid camera shots for the Year Book. Partial to dressmakers, cameras and skiis, and quite an expert with each. Aspires to make a two-point landing off Norquay ski jump.

13. **GRANT WHEELER.** Cardston, Alta.  
He came to Tech. to grow up and will go to Normal next year. Is a whirlwind at basketball and dancing. Grant likes to "Gibb" instead of "Gabb."

14. **FRED WHITTLE.** Cochrane, Alta.  
A pleasantly purposeful pedagogue whose activities as Class Rep., winter term Literary Critic and General Shop Octette baritone have never caused him to take time out from being ever obliging.





# MACHINE SHOP

I.

## 1. ROBERT BUTCHART. New Denver, B.C.

A student from far away B.C. Plays in the Institute Orchestra, but his main interests are in hiking, swimming and golfing. His chief ambition is to be an A-1 machinist.

## 2. HOWARD COWAN. Lloydminster, Alta.

This tall, lanky chap spends all his time at his work, which becomes social at night. After completing a special Machine Shop Course, he hopes to become Lloyd's best blacksmith.

## 3. WILLIAM CROMBIE. Calgary, Alta.

His activity is dancing; his only interest, shooting; and his chief ambition, to be a good machinist. Is prejudiced against school. It is suicidal to use his favourite expression, "Hi, droop!"

## 4. J. C. DAVIES. Lloydminster, Alta.

Ambition—to become the owner of a large machine shop. Pet aversion—women. Favourite saying—"If I wasn't broke I'd—".

## 5. K. T. MACKINNON. Eston, Sask.

Fiddles furiously well in the Tech. Orchestra. His ambition is to be a machinist who takes life easy. Homework is his pet aversion. Favourite sayings are in machinist's language—unprintable.

## 6. CARMAN MATHER. Calgary, Alta.

Ambition—to own a laundry for washing lathe aprons. Pet aversion—his sister's Pekinese. Favourite saying—"I don't wanna!" Activities—Rugby, and bellowing in the corner of the Machine Shop.

## 7. E. OAK. Pine Lake, Alta.

The multifarious duties of a farmer apparently led this sturdy lad with a sturdy namesake to qualify for an inside job. How well he qualifies, time and the price of wheat will probably tell.

## 8. CLAUDE ROBERTS. Woodford, Alta.

Our Class Rep. is a basketball flash, as well as being a musical wizard. His ambition is to make a square nut with round corners, on the milling machine.

## 9. BILL ROWAN. Calgary, Alta.

Bill's big ambition is to be a six-day bike racer. Pet aversion is operations and hospitals. Screams "Oh, my operation!" at the slightest provocation. Plays goalie for Machine Shop.

## 10. JOHN SAUNDERS. Calgary, Alta.

A local lad specializing in Machine Shop, after two years of Motor. A master decorator, stage hand, and all around joker, his ambition is to coax twenty-five out of "Chevvie."

## 11. JAMES STEWART. Calgary, Alta.

Shorty, the worry wart of the Machine Shop, hopes some day to ride a lathe side-saddle. Hates number four lathe, the cross-feed of which catches him under the chin.

## 12. GEORGE THOMPSON. Calgary, Alta.

Hails from the smoky end of East Calgary. He loves to hold down a bed, and his ambition, to die in one. Favourite saying, "ZZZZzzzz."

## 13. CLARKE UPTON. Fishburn, Alta.

Supremely indifferent to dances and social affairs, Clarke would like to live in a machine shop. Threatens physical violence to anyone daring to ask why he shuns dances. Favourite expression: "Scram, Stewart!"

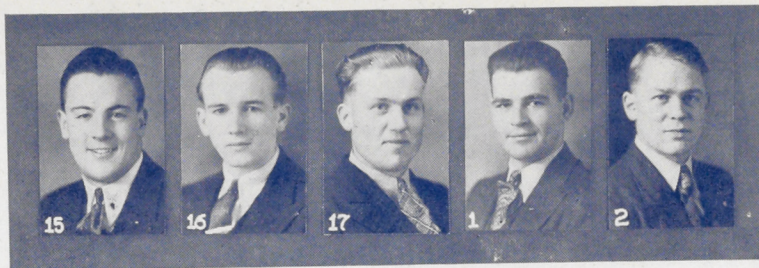
## 14. HENRY VERKERK. Fernie, B.C.

Henry, alias Dutch, likes all sports, even Rugby, but can't see how anyone can get a kick out of a thing and like it. Ambition—to hit high C on his trombone.



# MACHINE SHOP

## II.



15. R. N. WALLS. Banff, Alta.

His greatest ambition is not to get married and his pet aversion is to spoon. He participates in all lines of sports. His favourite saying is, "Hello, son!"

16. REINHOLD BUSCH. Forestburg, Alta.

Served a sentence of five weeks as a special Machine Shop student. His ambition was to learn in five weeks what the rest learn in two years.

17. A. B. BIEBRICK. Grainger, Alta.

Came to Tech. to learn how to fix up wrecks that insisted on coming to his garage. His specialty in sport is baseball. Favourite expression, "Howdy!"

1. FRANK RICE. Calgary, Alta.

Named after his birthplace, Frank, Alberta. Is a wizard at figuring out gear ratios and cutting gears on the milling machine. Is reputed to be a square dealer.

2. DONALD WALROD. Rockyford, Alta.

So interested in machines and machine work that he came back to polish off the bumps from his sphere of knowledge. Plays hockey, baseball, and sometimes curls.

## JUST AN OLD HILL-BILLY CUSTOM

By BEN. LUST

While I was travelling through the snow-covered Rockies with a party of jolly friends some years ago, we marvelled at the extreme age and vitality of the hill-billies. And someone in the crowd told an amusing story of a wrinkled, gray-bearded little man who was sitting on a fence sobbing bitterly when a traveller approached.

"What seems to be the trouble?" asked the stranger.

"My Pop done whupped me," whimpered the old man, wringing the tears out of his whiskers.

What?" exclaimed the astonished stranger. "A man your age—you mean to say your OWN father was able to whip you?"

"Yup, that's right, stranger. He whupped me 'cause I threw rocks at Grandpa when I caught him neckin' my gal friend."

## EDITING

Getting out this record is no picnic.  
If we print jokes people say we are silly.  
If we clip things from other magazines  
We are too lazy to write them ourselves,  
If we don't, we are stuck on our own stuff.  
If we stick close to the job all day,  
We ought to be out hunting up news.  
If we do get out and try to hustle,  
We ought to be on the job in the office.

If we don't print contributions,  
We don't appreciate true genius.  
If we do print them, the column is filled with junk.  
If we make a change in the other fellow's write-up,  
We are too critical;  
If we don't, we are asleep.  
Now, like as not, someone will say  
We swiped this from some magazine.  
Right, we did.





# FARM CONSTRUCTION

**1. LAWRENCE G. AMBLER.** Therien, Alta.

Previously farmed with the old plugs, but hopes to be able to do it with spark plugs when he finishes at Tech.

**2. CHARLIE ANDREWS.** Vulcan, Alta.

Quite interested in amateur dramatics. Remember the butler? Wants to be a big power farmer. Has an inexhaustible fund of jokes and recitations.

**3. EDWARD BISHOP.** Lethbridge, Alta.

Ted is a dark, curly-haired lad of 18. He is rather studious, with a natural mechanical ability. His good nature and ready wit make him popular with all.

**4. WILMER BONERTZ.** Pincher Creek, Alta.

Chief joy in life is in working up a good argument, often over nothing. Is good-natured and easy to get along with. Argues with equal facility on either side of any question.

**5. ALLAN BRENNAN.** Forestburg, Alta.

"Still waters run deep" describes this silent lad. We have reason to believe that his quiet mien camouflages keen wit and penetrating observation. Spends his leisure time skating.

**6. ELMER BUDGEON.** Dapp, Alta.

Originated in the farming district of Dapp. Came to Tech. to learn the fine points of farm technique and Diesel motors. Ambition: to own a hamburger stand.

**7. KEITH CHISHOLM.** Barons, Alta.

Keith wonders what the City of Calgary looks like from the top of the Institute tower. He has rather lofty ambitions in life.

**8. TOM CLIFFORD.** Vulcan, Alta.

Says his only hobby is dancing. Combines a pleasing personality with a strong capacity for work, so will probably go far in his chosen occupation—farming.

**9. JOHN A. C. HELLAWELL.** Thelma, Alta.

Wee Jackie is a wizard at blacksmithing. He excels in tinkering with magnetos. He is of the type who paddle their own canoe.

**10. FORBES HENRY.** Nanton, Alta.

His ambition is to become a gentleman farmer. His favourite pastimes are fishing and mountain climbing. Beware, you fair maidens, he is a heart-breaker.

**11. ERIC HIBBARD.** Peace River, Alta.

Born in Redvers, Sask., now farming in the Peace River country. He is fond of skating and dancing. His chief ambition is to become the wheat king of the north.

**12. SIGWALD HOLMS.** Dapp, Alta.

Although a hard-working lad from the north, he has a hard time getting up before breakfast.

**13. JOHN JAMES.** Bulwark, Alta.

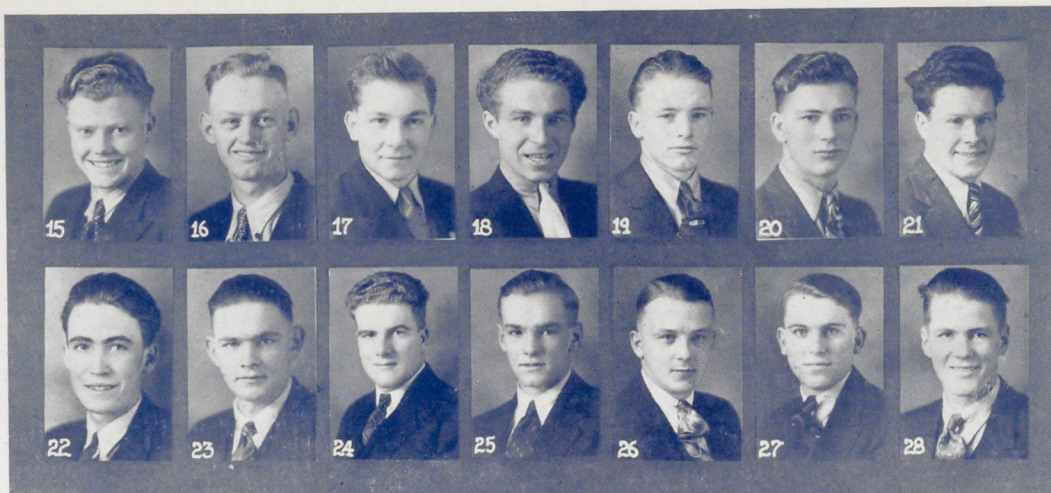
John hails from a famous wheat growing district. He is of the quiet, confident type with a likeable personality. Will make a successful farmer.

**14. PERCY JAMES.** Bulwark, Alta.

Percy has a mania for knowledge of everything in general. He is liked by all, and confesses his weakness for brunettes. Feels very much at home in the blacksmith shop.



# FARM CONSTRUCTION



**15. JOHNNY JORGENSEN.** Gratum, Alta.

Johnny is a wheat grower who wants to mechanize. Hence he came to Tech. to learn all about tractors.

**16. JOHN KEELER.** Baintree, Alta.

This smiling young man arrived in Baintree in 1919. He likes to ask questions about engines, and hopes someday to be a modern tractor mechanic.

**17. RUPERT KLATT.** Birdsholm, Alta.

He is a lonesome bachelor, good-looking, and well-to-do, so step right up, girls. Hopes to become a modern tractor mechanic.

**18. J. A. KOVICH.** Calgary, Alta.

Curly came from the sunny south. After spending a year at Olds he came to Tech. to become an expert. The sound of sweet-running machinery is as music to his ears.

**19. DOUG. MARLER.** Camrose, Alta.

A wide-awake boy from a wide-awake town. Takes everything in his stride, and has the happy faculty of making friends. Is athletically inclined.

**20. LLOYD MARLER.** Camrose, Alta.

Lloyd hails from Camrose. He is a popular lad and is a hard worker, especially when the Instructor is around. He likes all sports, particularly hockey and tumbling.

**21. ANDREW MATHISON.** Kitscoty, Alta.

While attending Tech. Andy has proved himself to be studious, industrious, and cheerful. He should achieve his ambition, which is to become an engineer. Tries to emulate Wilf Carter.

**22. GRANT MATSON.** Cardston, Alta.

Grant first saw stars in 1919. He hails from one of the greatest ranching districts. His ambition is to be a cowboy, and his weakness is lovely girls.

**23. DON McINTOSH.** Hartell, Alta.

Don is so independent that he is determined to become his own boss. Is very fond of boxing, skating and swimming, in their respective seasons.

**24. DON MURRAY.** Lethbridge, Alta.

A very likeable chap whose silence is golden. Attended the Olds School of Agriculture, and is brushing up on tractors at Tech.

**25. HARRY NICOLL.** Jumping Pound, Alta.

After becoming an expert cowhand, Harry came to Tech. to join the Farm Mechanics. Enjoys all sports, especially ping-pong. Chief weakness is barracks' dances.

**26. WILLIAM OLENEK.** Edson, Alta.

Bill is a popular lad who hails from Edson. He likes skating and hockey. He plays for the Tech. Hockey Team, and is noted for his speed and stick-handling.

**27. TOM PENZLOFF.** Claresholm, Alta.

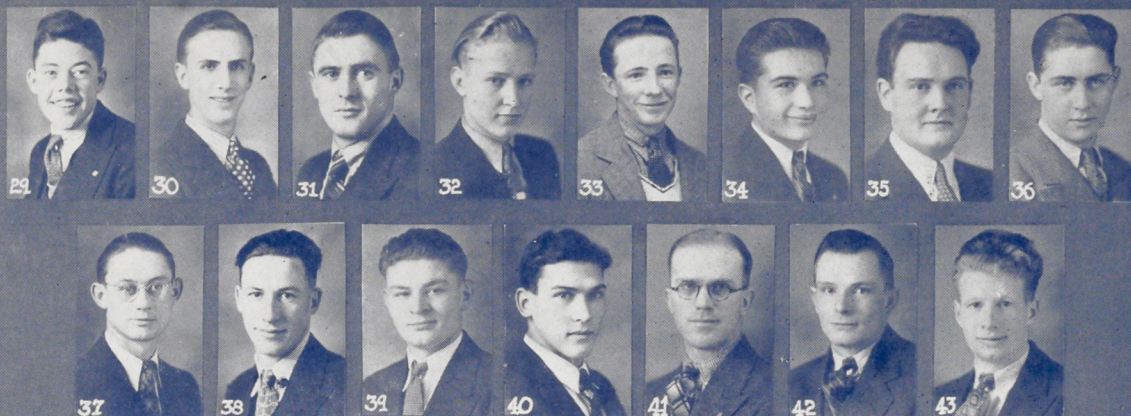
Tom knows everything about gas engines. Is seldom heard, but is ubiquitous.

**28. ELVIN PETERSON.** Scandia, Alta.

Bud is the bright boy of the Farm Construction Group. His favourite pastime is coming late and going early. Ambition: to find something he can't fix with haywire.



# FARM CONSTRUCTION



29. TOM PINDER. Edmonton, Alta.

Tom has a very mild disposition. He likes to run engines, and spends most of his time reading about them. His ambition is to come through smiling.

30. ALFRED POFFENROTH. Calgary, Alta.

A city lad who plans to desert the bright lights and become a farm mechanic. His manual skill and ambition will lead him to his goal.

31. CECIL ROBINSON. Lethbridge, Alta.

Only his good nature prevents Cecil from wrecking the cantankerous tractor at his home. Hopes to fix it up some day and still have it run.

32. MEREDITH SHATTO. Vulcan, Alta.

Born near Gleichen in 1920. Known to his many Tech. friends as John or Shady. Takes a keen interest in all Institute projects. Hopes to become a star mechanic.

33. GEORGE SHEA. Camrose, Alta.

Chief cause of the "Back to the land" movement on the part of the fair sex. Plays the guitar, and packs a wicked right. Ambition: to own and operate a farm. Only fault: he yodels.

34. H. G. SHERK. Wembley, Alta.

Born near Wembley, he took his Grade XII at Beaver Lodge High School. Is popular with both staff and students. Wants to have some letters after his name.

35. BILL SPEERSTRA. Calgary, Alta.

A good-natured chap, liked by the boys about the shop. Takes an active part in all Tech. activities. He hopes to become a master farmer when he graduates.

36. RICHARD STANGIER. Strathmore, Alta.

Possesses a splendid baritone voice and likes to sing to a certain dressmaker. Favourite sports are hockey and baseball. Ambition is to master that big Diesel.

37. JOSEPH WARREN. Champion, Alta.

Joe came to Tech. to find out what makes tractor wheels turn. Is good-natured and a good sport. His ambition is to be a successful tractor farmer.

38. NEIL WEAVER. Calgary, Alta.

Very good-natured, and a very studious scholar. Wants to be a farmer. Hobby: fixing Model T Fords. He would like to learn to dance.

39. BILL ZAHARA. Rycroft, Alta.

A husky Peace River lad of eighteen winters. Full of fun, yet here to learn all he can. Well liked by all classmates. Bill hopes to become a master farmer.

40. CHESTER ZAJIC. Edgerton, Alta.

Very good-natured, but a little bashful towards the opposite sex. Chester is jack-of-all-trades, and specializes in mechanics.

41. STANLEY WATSON. Provost, Alta.

Stan is one of those hard-working boys from Provost. His weakness is studying. We expect him to go far in this world. Good luck, Stan.

42. W. G. McFARLANE. Buffalo Lake, Alta.

Personality: genial and friendly. Weaknesses: good food, and attractive demoiselles. Ambition: to own a business in Peace River.

43. BERNARD SCHAMUNN. Leduc, Alta.

A happy-go-lucky fellow who is liked by everyone. He is a good skater. He hopes to learn to play a guitar.





Mr. Hedley, Instructor; L. A. Brittain; J. Douglas; R. E. Erickson; W. J. Dowler; H. J. Bigelow; G. M. Adams; W. Jensen; H. G. Hoines; O. W. Holmberg; S. Kimble; P. Hnidan.

## DIESEL ENGINEERING CLASS

On February 7th the regular Farm Construction Class started taking Diesel engineering, and was augmented by several others who were interested solely in that line of work. Owing to the size of the class, it had to be divided into two groups, alternating with each other twice a day in the "Bull Pen" and Shop. Operations started with the tearing down of a few Diesel jobs that were in the shop and valve grinding, re-babbiting and crank-shaft bedding were the order of the day. An equal amount of time was spent in the lecture room, where the intricacies of injection pumps, combustion chambers and

fuel timing were drilled into the class by the very competent instructional staff. A little variation was obtained when the class, in groups of two or three, was allowed to take out the two big Diesel caterpillar tractors in order to get practice in their operation. This consisted of tearing up the soil in the adjoining field into haphazard patterns, much to the enjoyment of the class. However, despite the fun, a great deal of knowledge was gained in the five weeks occupied by the course, and anyone who didn't get something out of it has no one but himself to blame.





Back Row, left to right: L. Erickson, C. Horne, J. Fowler, E. Martinovsky, R. E. Byron, K. McKinnon, J. Pollock.  
Middle Row: S. A. Green, Miss Shymansky, Miss Mentel, Miss Dando, Mrs. Paynter, Alberta Hannam, B. Cockell, J. Bundy, T. Filipkowski, H. Verkerk.  
Front Row: R. Hixt, J. Kovich, T. Massing, S. Saluk, J. Smith, R. Butchart.

**T**HE designation Symphony Orchestra rather suggests a temperamental and exacting conductor, impossibly difficult musical scores, and formal regimentation of rehearsals. The Tech. Symphony is delightfully none of these.

In Mrs. Paynter we have a rare combination of musical and directing talent, and downright good-fellowship. In the congenial atmosphere of practices, no accusing or menacing glares from "The Maestro" greet the budding musician guilty of a musical misdemeanor or even felony, but smiles and chuckles and "That's fine, kiddies and pals, let's try it again!" To Mrs. Paynter is due much of the credit for the success of the organization.

The first practices were encouraging from the point of view of members and variety of instruments, and under the benign and paternal guidance of Mr. Fowler, a practice schedule was drawn up. Mr. Fowler has been a power behind the scenes, cheerfully accepting responsibilities, unobtrusively and efficiently handling the onerous duties of an organizer and business manager.

The joint presentation of the Orchestra and Dramatic Club in February was the occasion of the Orchestra's first public appearance and provided a much-appreciated and enriching background for the play. The variety and symphonic standard of the numbers were praised, and indeed, regrets were expressed that more "entre actes" selections were not heard. Practices are now under way for a second joint presentation.

At the Banquet in the Palliser Hotel, the Orchestra again performed, and assumed something of its true position as an important student activity, both as a pleasurable and instructive activity for the members and as an entertainment for the whole student body.

**PERSONNEL**—Pianist—Alberta Hannam, 1st Violins—S. A. Green, E. Martinovsky, John Pollock, Jacqueline Trusler, Miss Mentel, Miss Ulry. Clarinets—R. E. Byron, B. Cockell, J. Bundy, Trombone—H. Verkerk, 2nd Violins—K. McKinnon, H. G. States, R. J. Filipkowski, J. R. Smith, Miss Shymanski, Sam Saluk, J. Fowler, Miss Dando, T. Massing, Saxophone—C. M. Horne, Cornets—R. Hixt, L. Erickson, R. L. Butchart.



# D R A M A T I C C L U B



Back Row, left to right: W. McKinley, Dick Mathews, Roy Zipse, W. Harper, J. Inglis, J. Pollock, Mr. F. S. Dyke, C. Andrews, W. McCallum, Verna Rose, L. Glover.  
Front Row: C. McLeod, Yvonne Ouellette, M. Caswell, M. Newman, B. Prigge.

**L**IGHTS! Curtains! Another Technical Dramatic Club production is under way! Backstage, perspiring nervously under grease paint or trying to be nonchalantly unconcerned, are the rest of the cast. A script is hurriedly read, the cue is given and the actors are at last on stage delivering those lines and actions which they have rehearsed for so many weeks.

There is something about dramatics that, like prospecting, "gets into your blood." After each successive production, with all its worry, work and nervous strain, each performer mentally vows "never again." When next the play reading is announced, however, there are all the enthusiasts, "enthusing" as much as ever. For there is very definitely something to be gained from this avocation. Knowledge is increased, diction improved, voice production aided, memory trained, and a host of other benefits, too numerous to mention, derived.

The success of a Dramatic Club depends largely upon the director at the head of it. In this respect Tech. is singularly

fortunate in having the services of Mr. F. S. Dyke. This gentleman has been for many years outstanding in amateur dramatics in Calgary. The wisdom gained from such wide experience was visibly reflected in his advice regarding the two plays produced during the year.

The first of these was entitled, "The Perfect Alibi, by A. A. Milne. It successfully fulfilled the requirements of such an organization as ours in that it gave ample scope for a numerous variety of characters (although in this respect the work is woefully handicapped by the size of the stage available). However, from every point of view it was a success. This includes the financial end, for the gate receipts were well over sixty dollars.

Encouraged by this start, a second production is now under way. It is entitled, "To Have the Honor." Although by the same author, the two plays differ essentially, as the first was drama and the second is farce. However, similar success is hoped for.





Top Row: J. Blight, L. Wing; B. Cockell, R. Wing; W. Downey, L. Wing; H. Spaethe, Goal; Roy Clarke, R. Wing; D. Ramey, Defense; W. Sexsmith, Defense.  
Bottom Row: M. Julson, Manager; H. Straughan, Defense; T. Cornborough, R. Wing; W. Olenek, Centre; K. Tallman, R. Wing; H. Hannan, Defense; Mr. Nelson, Staff Rep.

**H**OCKEY activities for the term 1937-38 got under way well before Christmas due to an early freeze-up. A very representative meeting was called by Mr. Nelson, Staff Representative for hockey, towards the last of November. Melvin Julson was elected manager and Wallace Harper secretary of the hockey organization.

Inter-class hockey was organized immediately. Due to the large enrollment it was decided that ten teams should be formed instead of eight, as had been the custom, and that these should be divided into two divisions for the purpose of playoffs. A forty-game schedule was drawn up by the manager and inter-class hockey was under way.

Due to a very mild winter the schedule went off with an almost unprecedented punctuality. The leading teams were very keen competitors, as evidenced in the finals, which were a series of high-class games. First Year Motors came through on top after a well-earned victory over their rivals, the First Year Aeros. Consequently they were given the trophy, which was not awarded the two previous years due to unfinished schedules.

The Senior Hockey Team was organized shortly after the inauguration of the Inter-class League. At the time of writing the outcome of the Inter-Collegiate League is not known. The Tech. boys failed to make points in the early part of the schedule, although their style of playing was given high credit by the other league members. However, more recent games have told a different story and the boys are hopeful of success.

## INTER-CLASS HOCKEY

The Inter-class Hockey competition has this year produced unusually keen rivalry, many hard-fought games and some really high-class hockey. Considerable interest was shown in the games by the students, large crowds turning out to witness the struggles, which took place during the noon recess when weather permitted. The unusually mild winter somewhat interfered with the schedule, and almost prevented the final game being brought to an issue. It was eventually played off, however, upon a rink that looked more suitable for water polo than for ice hockey.

Motor I. obtained the decision from Aero. I. on the second replay of the final game.



# GIRLS' BASKETBALL



Back Row: H. Verkerk, Alice Oseen, Jean Fraser, Miss Veenendahl, Irene Jackson, Dorothy Hall, Dick Ramey.

Front Row: Helen Mudie, Betty Hibbard, Alice Quon, Velma Pearn, Noreen Moore.

FOR real thrills, go to see the girls playing basketball. Is there any better game for the gentler sex? Is there any other recreation, even dancing, which affords better recreation, or which better displays the swift grace of movement? Moreover, the girls know their basketball.

The team is rapidly becoming a colossal success, and its members are having a tremendous amount of fun and amusement. At the beginning of the season the play was more than a little lacking in combination and smoothness, but under the

coaching of Dick Ramey and H. Verkerk the players soon settled down into a hard-working, fast-breaking and go-getting team. So far only one game has been played this year, and although this was lost, the Tech. girls put up one of the best games seen in the gym. this season. What matters defeat anyway? Better luck next time, and the game is the thing.

No report of Girls' Basketball would be complete without an acknowledgment of the valuable work of Miss Veenendahl in organizing this activity.





Back Row: Art Henderson, Coach; H. Verkerk; L. Falkner, K. Michie; Mr. Choate, Manager.  
Front Row: C. Roberts, S. Cosburn, G. Cahoon, G. Wheeler.

## BOYS' BASKETBALL

**P**ROSPECTS of a successful season for the Tech. Basketball Team are bright. Under the able management of Mr. Choate and the guidance of Mr. A. Alexander, the well-known Calgary basketball coach, the activities of the team are being directed in an extremely efficient manner. Among the players—Grant Cahoon, Grant Wheeler, Henry Verkerk, Claude Roberts, Lloyd Faulkner and Stan Cosburn—there is sufficient talent to build a really first-class team; and under the supervision of the coach combination, without which the best of players cannot hope to win matches, is steadily improving.

Out of over a dozen games played to date, only four have been lost. Among the latter must be numbered the first game of the Provincial Intermediate Men's Basketball League. This is a matter for regret, but there are plenty of games yet to be played, and ample time to retrieve the ground lost. The team is improving, and will continue to improve with further practice, and the future is promising.

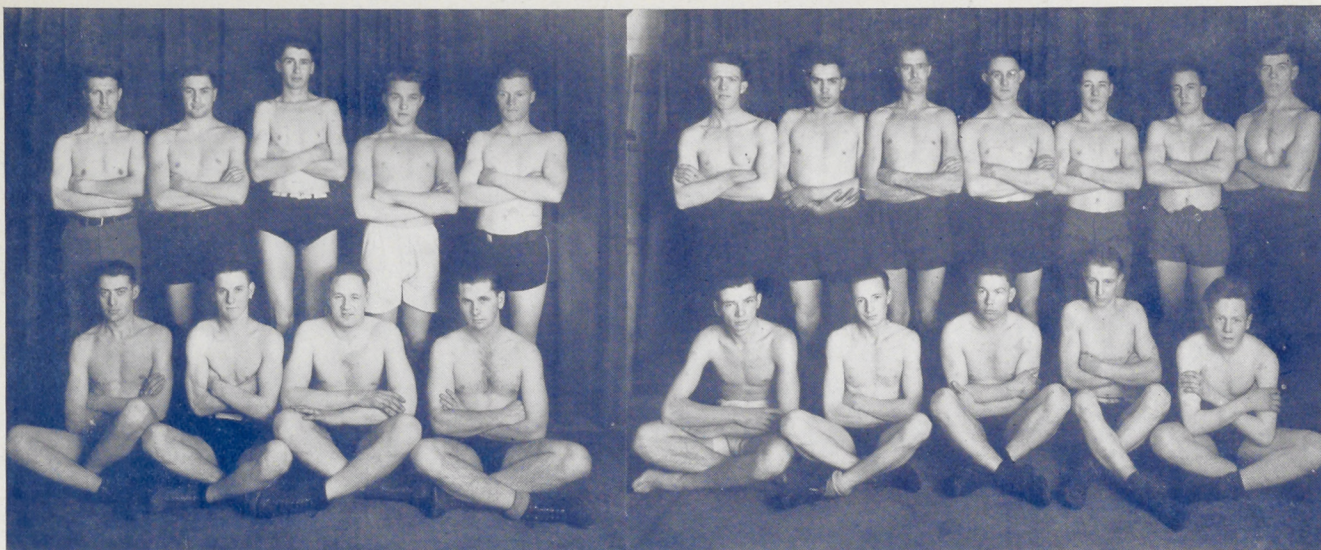
The team could do with more support, and every Tech. student can help win the League by turning out to yell for his side. To play before friends, and to have the stimulus and

encouragement of a number of fellow students, is an immense help to the players. So roll up to the games, Ye Techites, and see the name of the Institute inscribed on the cup at the end of the season!

## INTER-CLASS BASKETBALL

As usual, great interest is being taken in the Inter-class Basketball competition, and all the games so far have been played with the utmost keenness and enthusiasm. Commencing just three weeks after the opening of the Institute in October, the first series concluded recently with the Composite Class as winners. The games were all played in the noon hour, and many hectic and hard-fought battles were waged. Electric II and Motor 1A opened the competition in a hard-hitting and exciting game in which the former emerged victorious. The finalists were the Composite Class and Aeronautics, the former winning one of the fastest and closest games of the series by the narrow margin of 48 to 43. The second series is just about to commence, and the Composites will not win again if the Aeros. can help it.





Back Row, left to right: E. Farvolden, R. Mackay, B. Metge, H. Hanna, N. Pennock, Peterson, G. Showman, C. Johnson, J. Warren, B. Cooper, B. Walls, A. Spencer.  
Front Row: R. Bennett, A. Cembella, N. Lindsay, D. Lineham, A. Baerg, G. Shea, J. Kehoe, M. Shatta, J. Simpson.

## BOXING, WRESTLING and TUMBLING

THESE he-man sports have been well patronized this year, thirty or more of the boys turning out every Friday night to play their parts in the ring, on the mat or off the spring-board. Under the instruction of their 225-pound coach, "Rosy" Lindsay, the punchers, the grunt-and-growl artists and the somersaulting tumblers do their stuff and continue to improve. More than one Provincial champion of boxing and wrestling have learned their art in the Tech. gym.; and it may be that among those who are today learning the lead and counter and hook or the half-nelson and cross-buttock are the white hopes of tomorrow.

Some idea of the proficiency of the followers of these sister sports was afforded when the gymnasts put on their Lit. programme. It was well worth seeing, and should have the effect of stirring in others the spirit of emulation. For men, there are no better sports, and none which bring out to greater advantage the manly qualities—physical strength and fitness, courage, endurance, self-control and the ability of giving and taking hard knocks without loss of temper. The gym. is the place where you may learn "to take it on the chin."

## SCHOOL SPIRIT - BE A BOOSTER

By W. GILES

If you think your class is best,  
Tell 'em so.  
If you'd have it lead the rest,  
Help it grow.  
When there's anything to do,  
Let the others count on you,  
Just get down and push it through—  
Don't be slow.

If you're used to giving knocks,  
Change your style.  
Throw bouquets instead of rocks,  
For a while  
Let the other fellow roast,  
Shun him as you would a ghost,  
Meet his banter with a boast,  
And a smile.

When a member from afar  
Comes along,  
Tell him who and what you are—  
Make it strong.  
Never flatter, never bluff,  
Tell the truth, for that enough;  
Be a booster, that's the stuff,  
To more than just E2 belong.





1. Mural by Perrott. 2. Oh, there I am! Right behind that fellow with the blank expression. 3. Make-up for the villain—"The Perfect Alibi." 4. Please supply 5 gallons. 5. Towers of learning. 6. Why didn't you nudge me, Bergen? 7. Night Shift—Tech on the air. 8. Night Shift Equipment. 9. Talent for the Black Hawks. 10. "She walked the Bloody Tower," and "With a Great Big Deep Bassoon." 11. Stark, cold-blooded murder on the stage. 12. These dressmakers saw the photographer coming. 13. In concrete he shall adorn our lawns. 14. "Hey, where are your woodshop manners? Mr. Bennett declines Glover's 'En Garde!'"



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## THE CHEMISTRY CLUB

A new form of programme or recreation was inaugurated this year in the form of a Chemistry Club. The purpose of this club is to give the members an understanding of the part played by chemistry in the manufacture of all products, as well as to bring the students of the Institute together.

The first of the series of talks to this organization was an illustrated lecture dealing with the making and assembling of the parts that form a Ford car. A lecture on coal mining followed, explaining the procedure through which coal must be passed before it can be marketed. A tour of the Liquid Air Plant was then arranged for, and carried out successfully, due to the enthusiasm of the members. The method of manufacturing this product from the compressors to the containers was willingly explained by members of the staff.

Motion pictures of the Trail Smelter were presented, describing the manufacture of lead and zinc. Elephant Brand Fertilizer, which is a by-product, was dealt with to some extent, and to any person interested in agriculture, proved very instructive. The Royal Crown Soap Factory, situated in Calgary, was next visitor. The manufacture of soap, and of many by-products of soap, was shown. The numerous developments of cement products were next discussed, and the basis of their production was ably dealt with by Mr. Macdonald, of Mount Royal College.

The Club has been of real benefit to the students from outside points who otherwise would have no opportunity to visit these industrial plants.

## Inter-School Christian Fellowship

The Inter-School Christian Fellowship is an association of groups of Christian students in the universities of Canada, and elsewhere throughout the world, who desire to make Christianity significant and vital to students.

The local group was first organized among the Technical and Normal students in the spring of 1937. This year an early start was made in the fall term. Regular meetings were held every Tuesday at 4.10 in Room 134. The president for the year was Harold Stewart, and the secretary, Mary Elder. Mrs. F. Trevelyan led in the weekly discussions. Special speakers were invited to address the group from time to time and many profitable hours were spent.





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Mr. Peebles has a nightmare after the Banquet.

Mr. Peebles: Do you think there is any chance of my getting this poem in the "Tech.-Art Record?"

Byron: There may be. I shan't be Editor for ever.

Mr. Fowler: What is the formula of water.

Ken Michie: H I J K L M N O.

Mr. Fowler: Where did you get that idea?

Ken: Why, yesterday you said it was H to O.

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# THE DANCES

## THE WATERLOO OF A YOUNG TECHNICIAN

There was a sound of revelry by night,  
For Tech.-Art students here had gathered then  
Their Beauty and their Chivalry, and broght  
The lamps shone o'er fair women and brave men;  
Three hundred hearts beat happily; and when  
Music rose with its voluptuous swell,  
Soft eyes looked love to eyes which spoke again  
And all went merry as a marriage bell;  
But hush! hark! a deep sound strikes like rising knell!

Did ye not hear it?—No—'twas but the wind,  
Or tram car rattling o'er the bumpy streets;  
On with the dance! Let joy be unconfined;  
No sleep till morn when Youth and Pleasure meet  
To chase the glowing Hours with flying feet—  
But, Hark! That heavy sound breaks in once more  
As if the staff its echoes would repeat;  
And nearer—clearer—deadlier than before!  
Alas! alas! it is—the final bell!

These two stanzas, taken from Lord Byron's immortal poem "The Eve of Waterloo" (with a few alterations to add local colour), might very aptly be used to describe the spirit that pervaded our Tech. dances.

There appears to be only one drawback to our dances, and that is, they seem to be just getting under way, with every-one in a festive mood, when our revelries are disturbed and we are brought abruptly back to the hard, cold world of realism by that mean old eleven-thirty bell.

Up to the time of writing all the dances have been very successful. At the first dance we had a smaller crowd than is usually found at a Tech. dance, but this left plenty of room for those present to "strut their stuff."

The Christmas dance was an outstanding success. Decorations, Christmas tree lights on the stage and novelties gave those added touches which suggested the approach of the Yuletide festivities.

Thus far in the Winter Term we have had two dances. Both have been well patronized. The Valentine Dance of February 18 produced the largest and most congenial crowd of the year. An Amateur Hour and Dance combined have been planned and will, we feel sure, attract a large number of students.

One feature that was very noticeable at our dances was the rather long "stag" line. But this seems to be a part of a Tech. dance. It has its advantage in the fact that it keeps the boys in lively competition and at the same time assures the girls of a good time.

A few dances remain before the closing of our social functions. It is our sincere hope that the students will turn out to these and bring along that congenial and hilarious spirit which has made our dances so successful to date. The purpose of all our social functions is to supply entertainment for the students and to provide an opportunity for them to become mutually better acquainted. We leave it to you to decide whether or not that objective was achieved by our Social Committees.

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Kehoe (flipping a coin): Heads I go to a show, tails I go to a dance, and on edge, I do homework.

Observer: How do the students keep those silly little felt caps on their heads?

Mr. Rhodes: Vacuum pressure, sir, vacuum pressure.

Overheard at Tech. dance—

Pete: I've been wanting to dance with you in the worst way.

Helen (disgustedly): Well, you are.

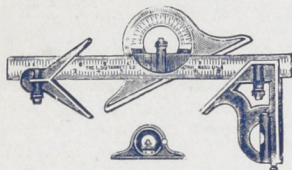


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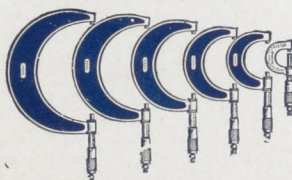


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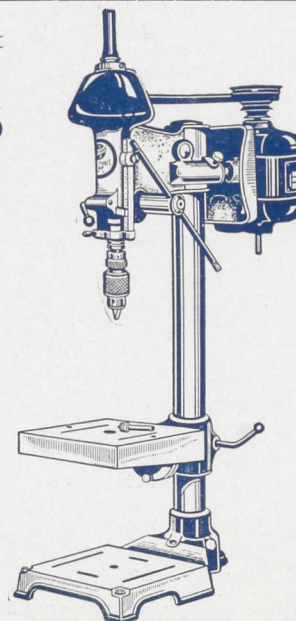


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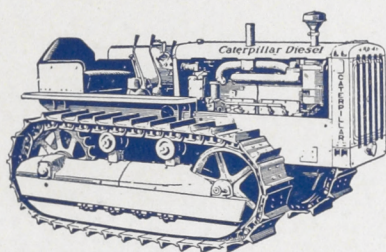
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**CALGARY - ALBERTA**



## HOWLERS

Bigotry is having two wives at one time.  
The cause of divorce is marriage.  
The hardships of the Puritans were what they came over in.  
For fear of being seen by the English, the Invisible Armada  
sailed round the north of Scotland.  
Fleece are insects.

Where is this Deserted Village we've been reading about-  
Aberdeen on a Tag Day.

Last night I held a little hand, so dainty, and so neat,  
Methought my heart would sudden burst, so wildly did it  
beat.  
The little hand I held last night, it was a wondrous thing,  
O, little hand I held last night, four aces and a king.

Mr. Green (looking after landlady's child): Now what are  
you crying for?

Kid: I want a drink.

Mr. Green: So do I, go on to sleep.

Motor 1A: Just think of these Spaniards going 3,000 miles  
on a galleon

Motor 2B: Aw, forget it, yuh can't believe all yuh hear  
about them foreign cars.

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## CAPITOL

THEATRE

**THE CAPITOL LEADS IN CALGARY**

## HIRAM WHATA

(With apologies to the shade of LONGFELLOW)

From the foot-hills to the prairie,  
From the range land of the foot-hills,  
From the range land to the city—  
To the Tech. came Hiram Whata;  
To the Tech. to learn and study.

For he had an ancient tractor,  
And he could not get it going;  
Though he tried from morn to sunset,  
Still he could not get it going.  
So in shop and in the class-room  
Studied he with book and slide-rule,  
Learned of valves and cams and spark plugs,  
Learned of timing gears and spark plugs,  
Learned of gaskets, gears and what not.

All about reluctant tractors,  
Carburetion, lubrication,  
Physics, "stinks" and mathematics—  
Many things learned Hiram Whata.  
Much learned he, and great his learning  
When at last his course was finished,  
When at last he left the city  
To return unto the foot-hills,  
To return unto the range land  
And recalcitrant old tractor.

Then took he a large sledge hammer,  
And a crow-bar and a spanner,  
And he worked upon the tractor,

Took apart his ancient tractor,  
Till its parts lay scattered broadcast.  
Then with pencil and with note-book  
Careful inventory he made up,  
Listing all the many pieces.  
Then he scratched his head and wondered,  
Looked around and thought and pondered,  
Looked again and searched minutely,  
Looking far and looking vainly  
For a part he thought was missing,  
Then exclaimed with grief and chagrin,  
"—!?? —:: ??? —::!!  
Why, the darned thing has no cam shaft!!"

A. A. P.

## TORMENT

An old gentleman riding the top of a Fifth Avenue bus  
noticed that every few moments the conductor came from the  
back and dangled a piece of string down upon the driver under-  
neath, whereupon the driver uttered profanity terrible to hear.

Finally the old gent could stand it no longer and asked the  
conductor why he dangled the string and why the driver swore  
so. The conductor naively answered, "Oh, his father is going  
to be hanged tomorrow, and I'm just kidding him a little  
about it."



